



AdvancedReport Installation manual

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1. Introduction

The program AdvancedReport performs automatic conversion of the data files and the event files of the Yokogawa recorder from the DX, DXP, FX, DXAdvanced and MV1000 family.

By the users own configurations it is possible to select the export file between the formats ASCII [csv] and Microsoft Excel freely. Additionally, it is possible to use an Excel-template. If the Excel template is not used, it is not necessary to install Excel on the computer.

A further advantage is in the user-defined designation of the export file. Batch data, starting times and further characteristics for the automatic file designation can be used.

For an effective conversion it is possible to activate the times of the function at different intervals.

A condition for these functions is the presence of the data files, display data files and/or display event files in a folder on the Windows PC. Using the ftp client function of the Yokogawa recorders, it is possible to store the files on the PC. For further information please read operating instructions of the recorder.

For updates and changes about the program, please read the info file stored in the installation folder or contact your Yokogawa sales team.



Note:

Please read this manual to find solutions!

2. Revision

| Date | Version | Reason |
|------------|---------|-----------------|
| 12.12.2014 | 1 | English version |
| | | |
| | | |
| | | |

3. System Requirements

3.1 Hardware

For the documentation of the test, a paperless Data recorder is required. The Data recorders listed below are supported by the Add in:

| Recorder | File extension | Data type |
|---|----------------|----------------------------|
| GX20 / GP20 www.smartdac.com | .GDS .GEV | Display Data Event Data |
| DX1000 / DX1000N / DX2000 [DXAdvanced] www.DAQStation.com | .DAD .DAE | Display Data Event Data |
| DX1000 / DX2000 [with /AS1 Pharma Option] | .DSD .DSE | Display Data Event Data |
| DX100 / DX200 | .DDS .DEV | Display Data Event Data |
| FX1000 | .DAD .DAE | Display Data Event Data |
| MV1000 / MV2000 [MVAdvanced] | .DAD .DAE | Display Data Event Data |
| FX100 | .DDS .DEV | Display Data Event Data |
| DX100P / DX200P Pharma-Ausführung | .DBD .DBE | Display Data Event Data |
| MW100 / MX100 | .MXD | Data |
| DL850 | .WDF | Data files |

For the analysis using a PC, the following minimum hardware requirements must be met.

- Hard disk capacity: 13 MB
- Memory: 1GB

3.2 Software

The program AdvancedReport Version 2 is Windows based and requires therefore a Windows Operating System.

3.3 Prerequisite

- Windows .Net Framework 4 Full installation (is checked by setup)
 - o <http://www.microsoft.com/en-us/download/details.aspx?id=17718>
- Microsoft OFFICE .NET Framework (VSTO) installation (is checked by setup)
 - o <http://www.microsoft.com/en-us/download/details.aspx?id=35594>

3.4 Operating System

The program has been tested on the following platforms:

- Windows XP Professional SP2
- Windows 7 [32bit]
- Windows 7 [64bit]
- Windows 8 [64bit]



Note:

Operation under Windows 8 has not been fully tested at the time of writing this manual.

Also the program Microsoft Excel is required.

The program has been tested with the following Microsoft Excel Software versions.

For using the Template Creator the following Microsoft Excel Version is necessary:

- Microsoft Excel 2007 [32Bit]
- Microsoft Excel 2010 [32Bit]
- Microsoft Excel 2013 [32Bit]

For Creating the Report, there is also an older installed version possible.

For the runtime version it is possible to use older version of MS Excel on your own risk.

4. Download

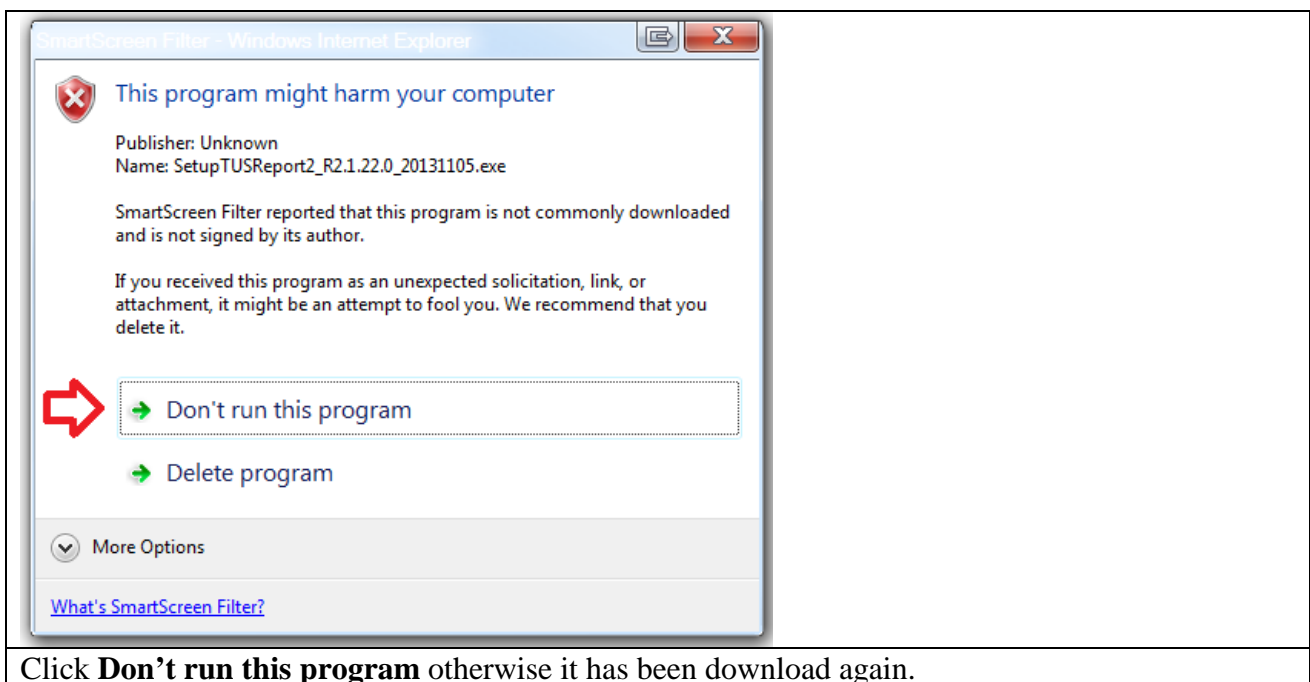
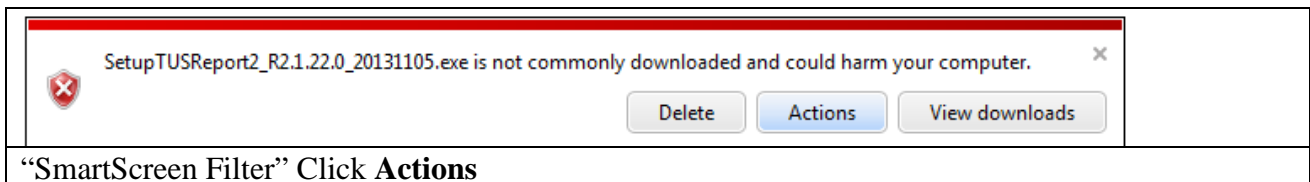
Load the latest version of our solution from the following web Page:

<http://www.AdvancedTools.de>

Check there for “Version 2” and “AdvancedReport Version 2”.

4.1 Internet Explorer Message

If the Internet Explorer Function enables “SmartScreen Filter” you get sometime the following Message Window.



5. Installation preparation

5.1 Necessary data

For the installation of the program the file SetupAdvancedReport.exe, and a license number are required.

The license number will be given at the delivery of the package. Keep this information carefully!

The recorded data files should be available at the computer where the AdvancedReport program is installed. The best solution is to activate the FTP server function which is available in Windows XP and 2000. All Yokogawa recorders have an automatic FTP function which sent the data files to the FTP server, the data files then will be stored in a specified directory. This directory will be accessed by AdvancedReport program to perform the data conversion.

The procedure to activate the FTP server in Windows XP and an automatic FTP configuration example is explained in chapter 8.

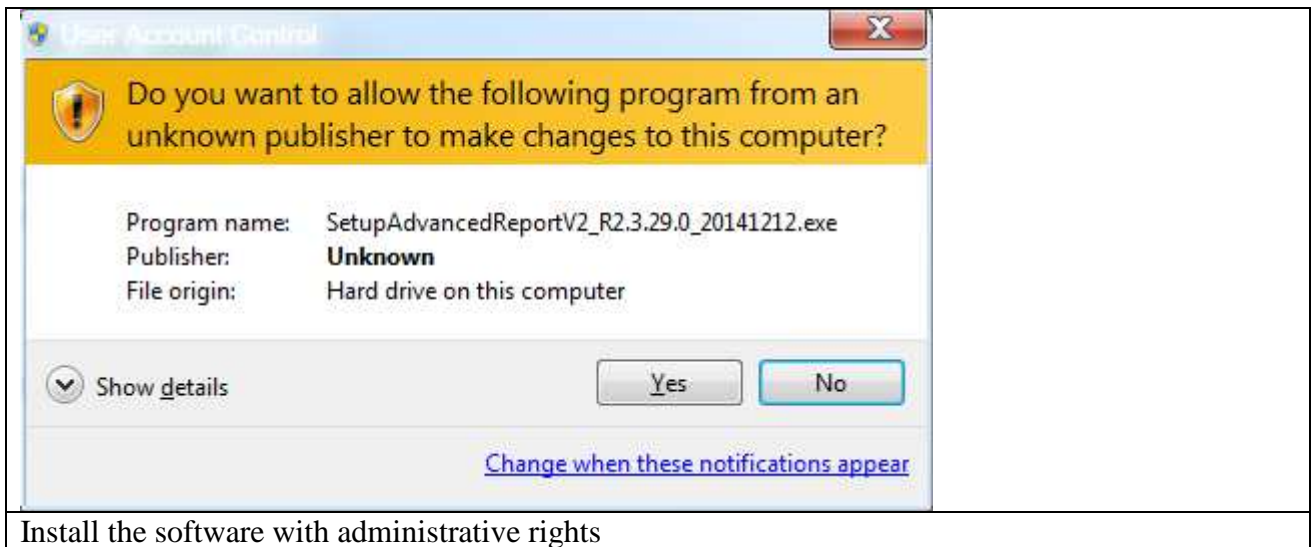
5.2 Trial version

For trial leave the field for the serial no empty.

All functions are available in the trial function as well. During the data conversion all fifth data points will be replaced by the word DEMO.

6. Installation

Execute the program SetupAdvancedReport.exe.



Then a window to select the language will appear.
Select "English" and confirm it with the "OK" button..



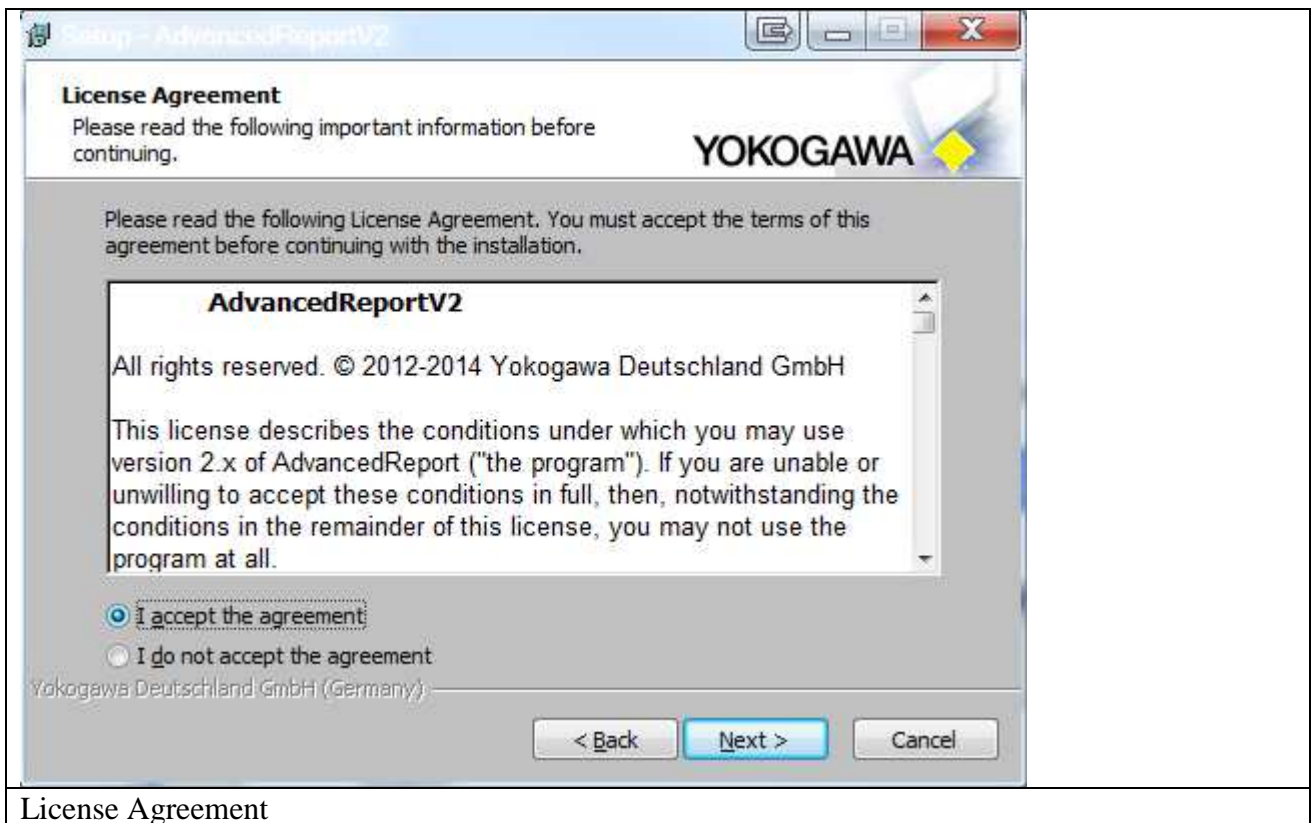
Confirm the welcome window with "Next".



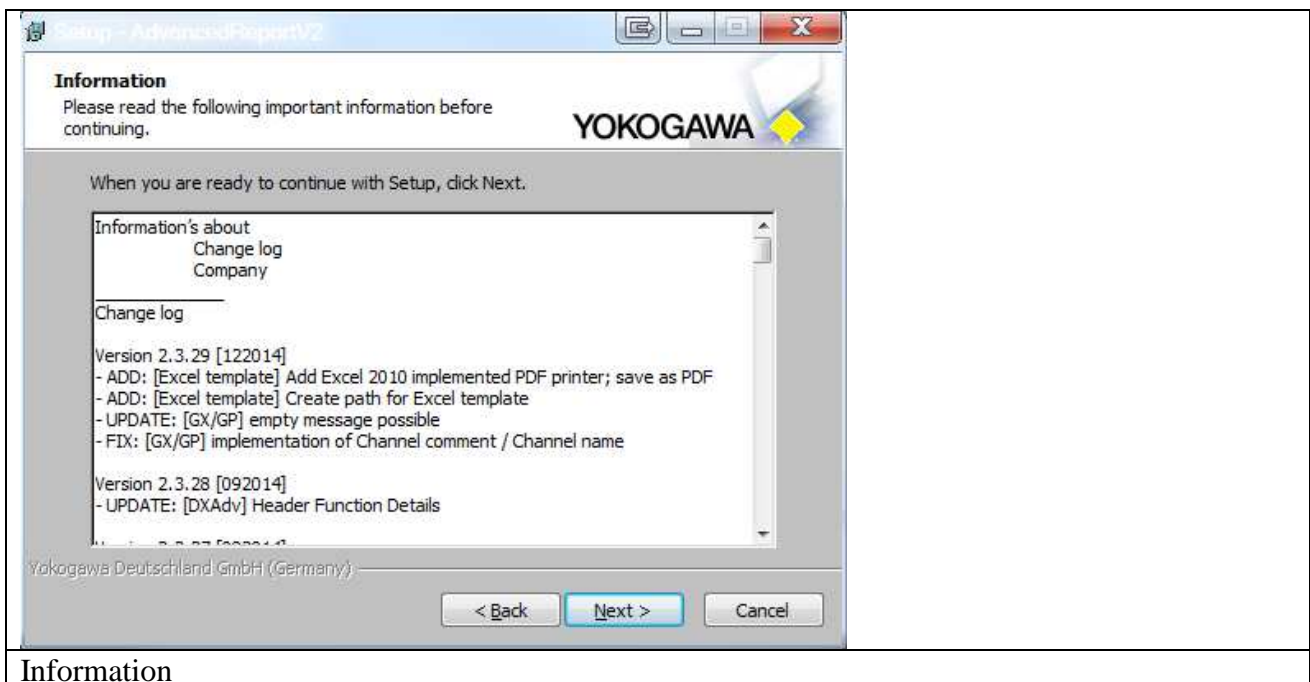
Welcome display



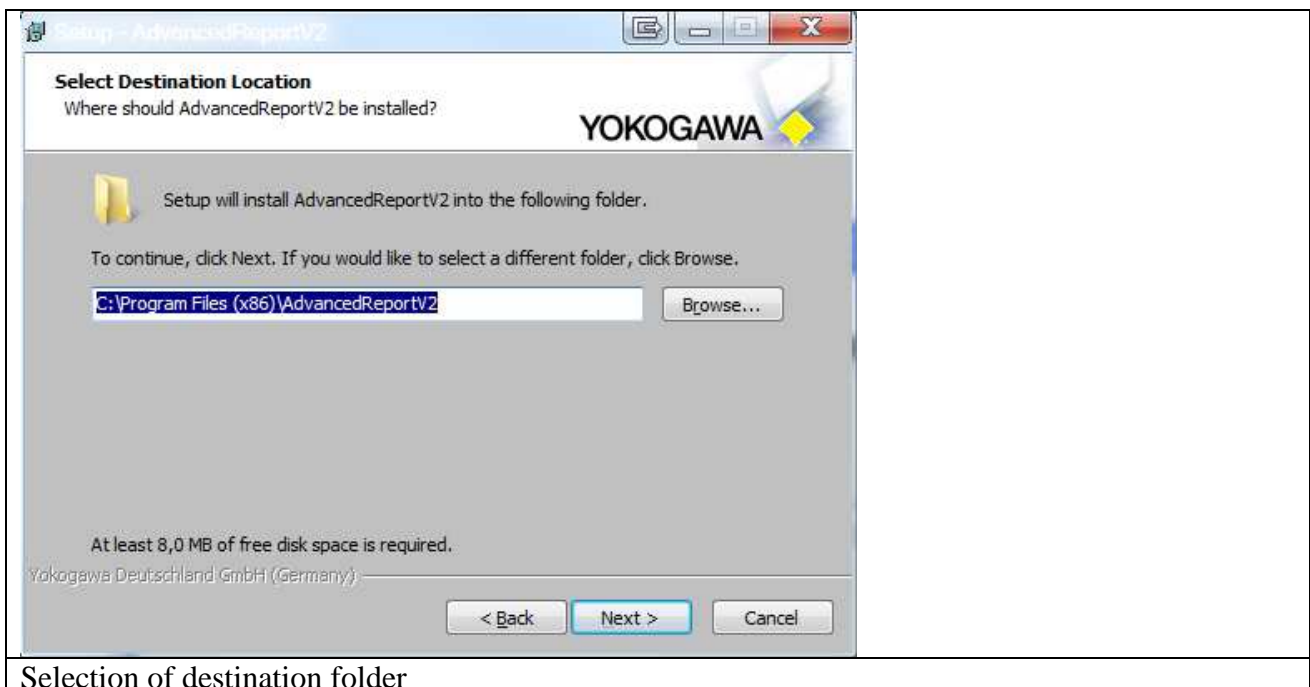
Informations



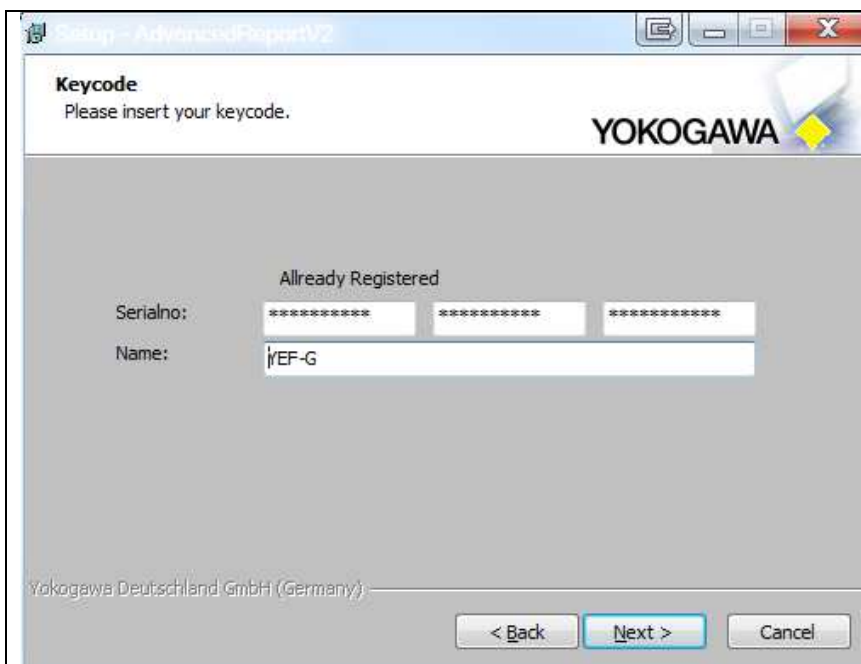
Read the information carefully and confirm it with the button “Next”.



Select the destination location folder for the AdvancedReport program and conform it to the “Next” button.



Then enter the keycode and name.
If the keycode is correct then the installation of the program will be activated with the button “Next”.



Keycode
Please insert your keycode.

YOKOGAWA

Already Registered

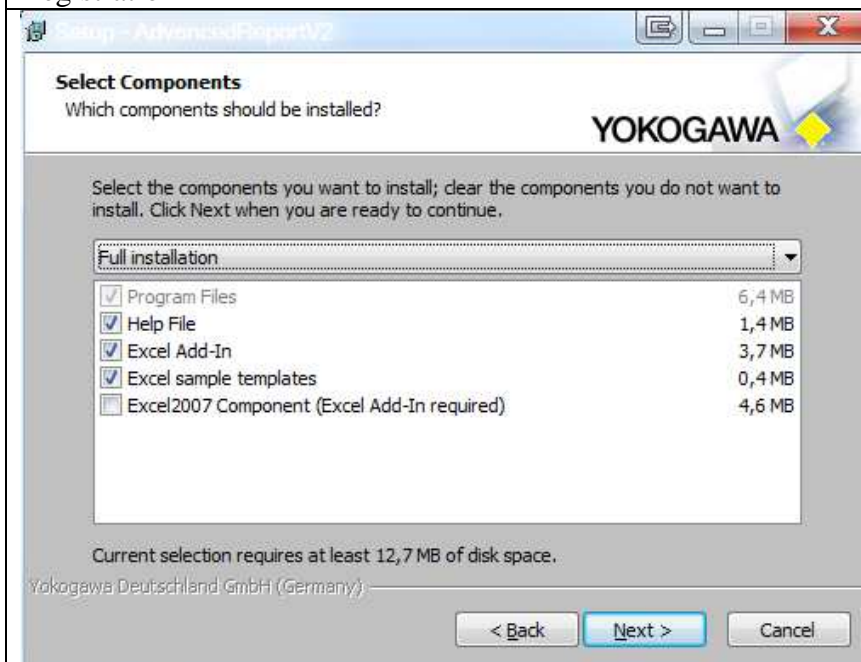
Serialno: ***** ***** *****

Name: YEF-G

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< Back Next > Cancel

Registration



Select Components
Which components should be installed?

YOKOGAWA

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

Full installation

| | |
|--|--------|
| <input checked="" type="checkbox"/> Program Files | 6,4 MB |
| <input checked="" type="checkbox"/> Help File | 1,4 MB |
| <input checked="" type="checkbox"/> Excel Add-In | 3,7 MB |
| <input checked="" type="checkbox"/> Excel sample templates | 0,4 MB |
| <input type="checkbox"/> Excel2007 Component (Excel Add-In required) | 4,6 MB |

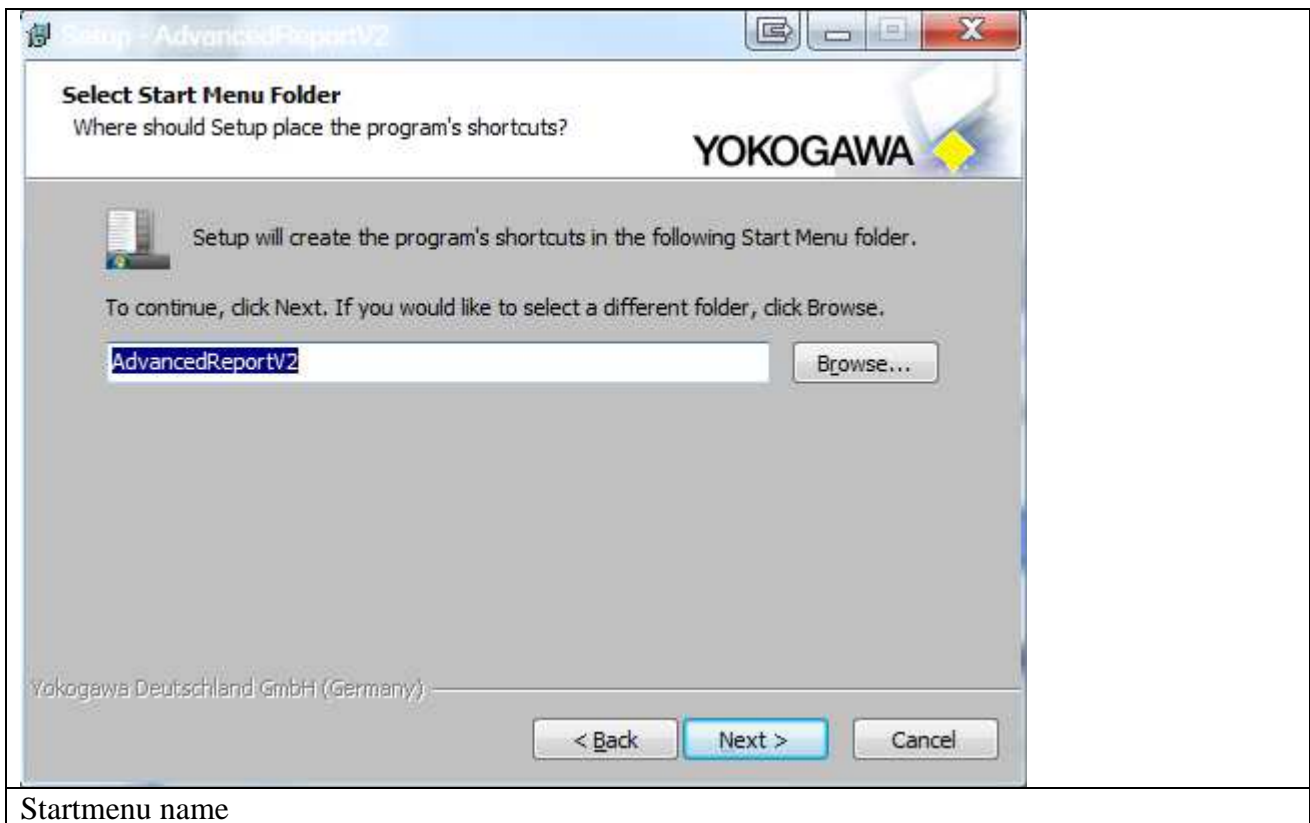
Current selection requires at least 12,7 MB of disk space.

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< Back Next > Cancel

Select option

Select the installation option and confirm the selection with the button “Next”. Use the full installation for the best result.



Select Start Menu Folder
Where should Setup place the program's shortcuts?

YOKOGAWA ◆

Setup will create the program's shortcuts in the following Start Menu folder.

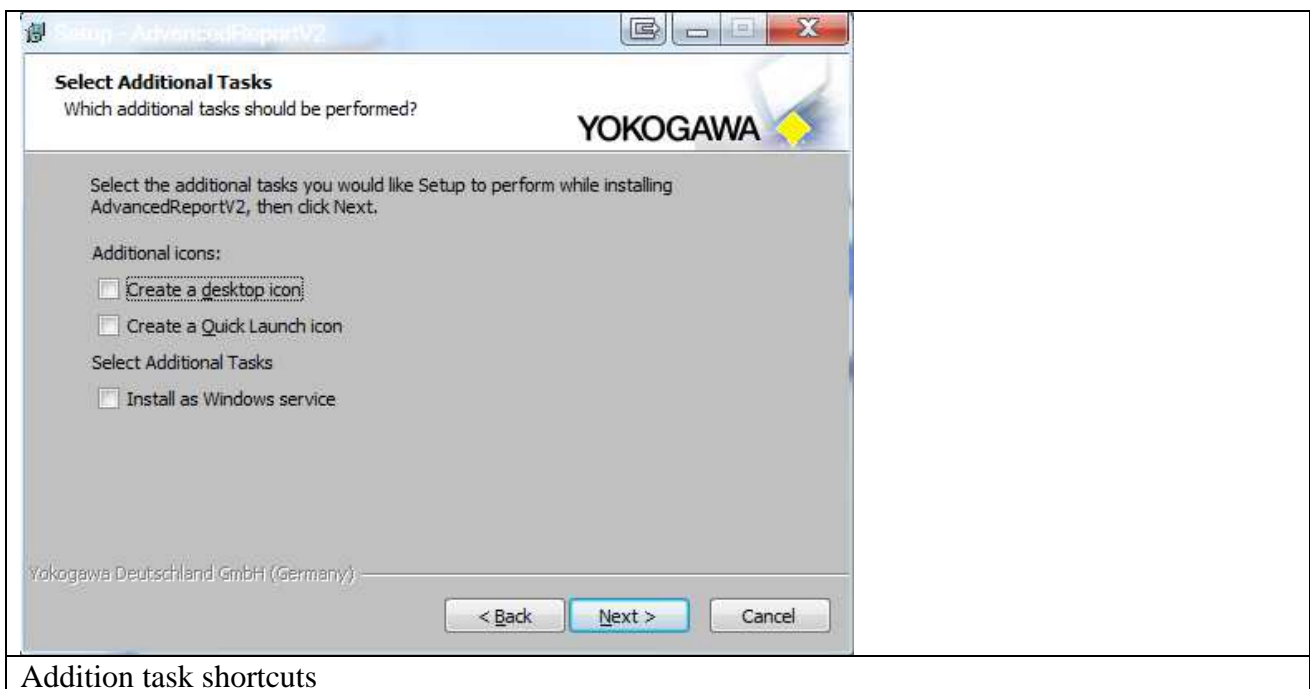
To continue, click Next. If you would like to select a different folder, click Browse.

AdvancedReportV2

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Startmenu name

Select the additional task shortcuts activation and confirm it with the “Next” button.



Select Additional Tasks
Which additional tasks should be performed?

YOKOGAWA ◆

Select the additional tasks you would like Setup to perform while installing AdvancedReportV2, then click Next.

Additional icons:

☐ Create a desktop icon

☐ Create a Quick Launch icon

Select Additional Tasks

☐ Install as Windows service

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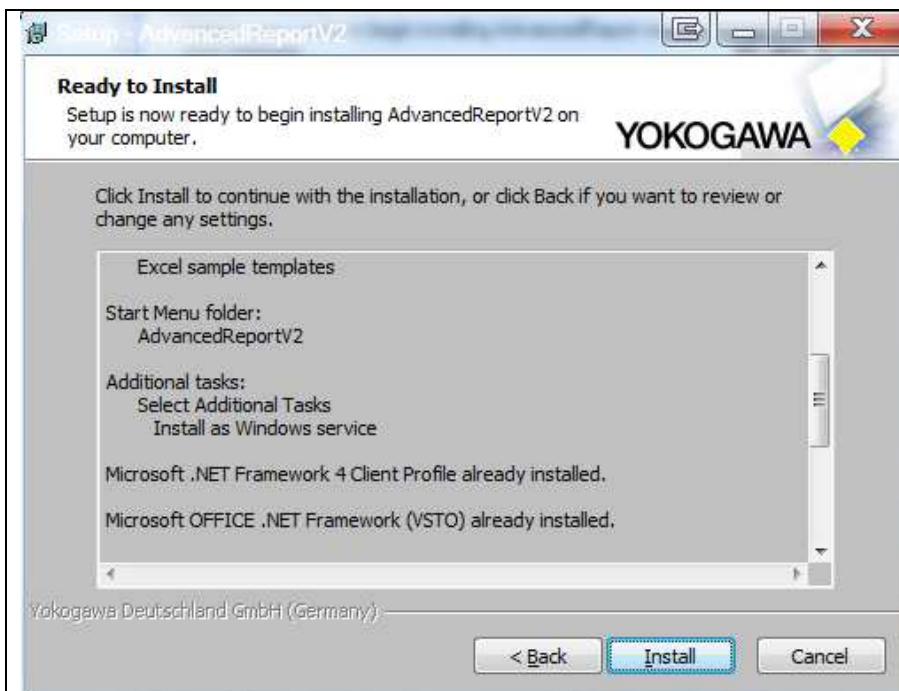
Addition task shortcuts

In the following abstract the listing of the selections made is displayed and can be confirmed by the button “Install”.

If checkbox “Install as Service” checked, the following Form will be shown, otherwise not.

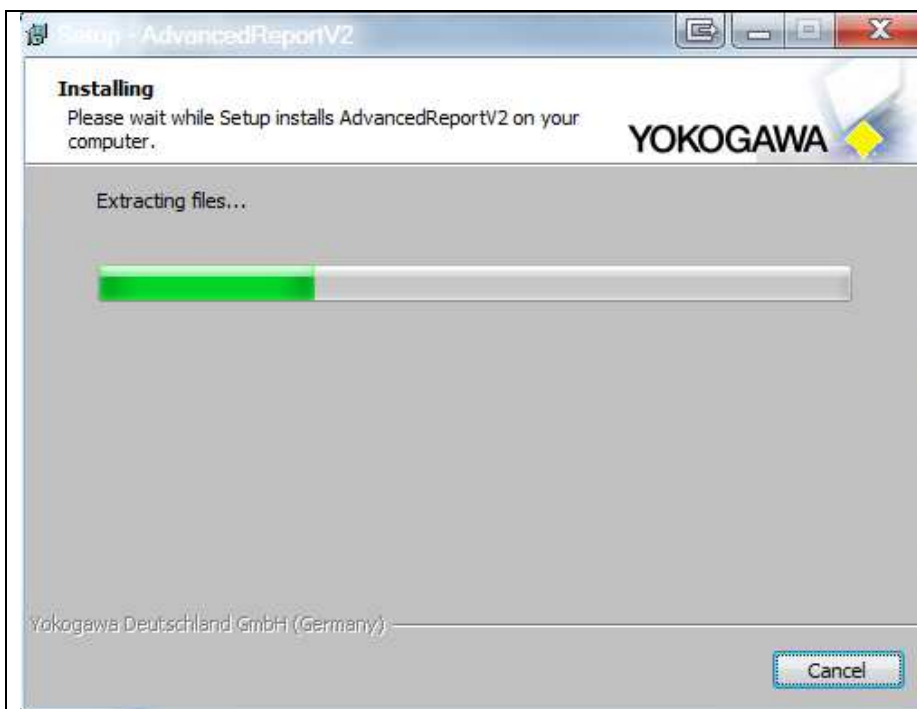


Installation as Service



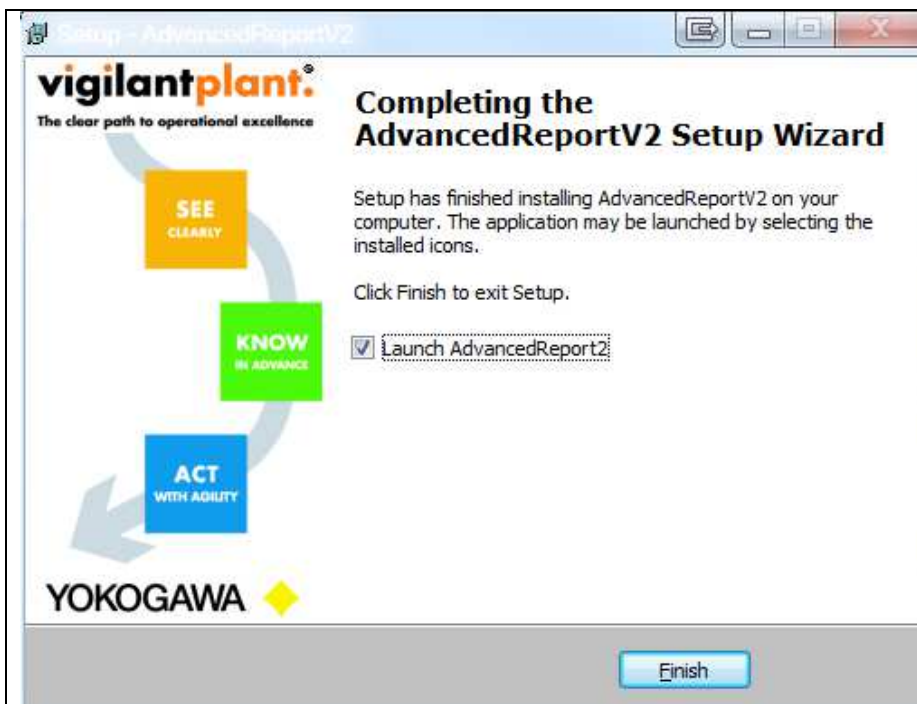
Abstract

The installation of the program starts. With the “Abort” button it is possible to stop the installation.



Installation

After installation the button "Finish" have to be pressed.



Finish installation

The program can now be started from Start → Programs → AdvancedReport → AdvancedReport.

7. Run Program as NT- Service

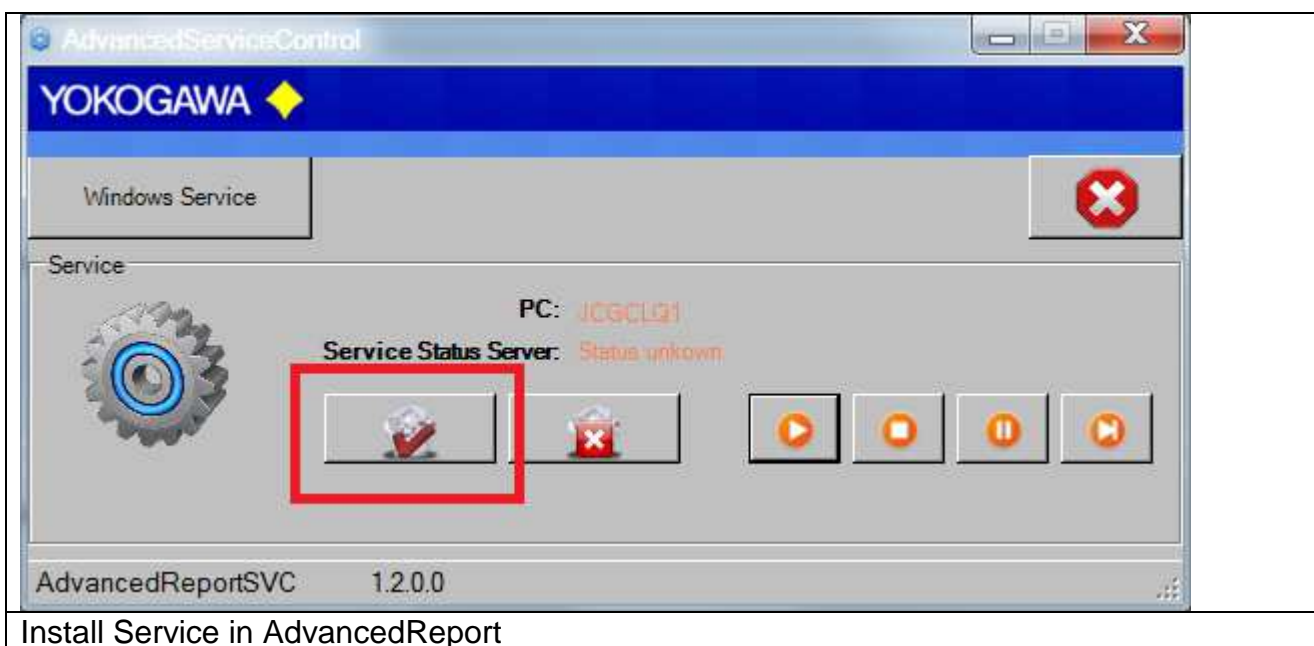
It is possible to start the program as a service. With this it is not necessary to login on the computer. It starts automatically with Windows.

Note:

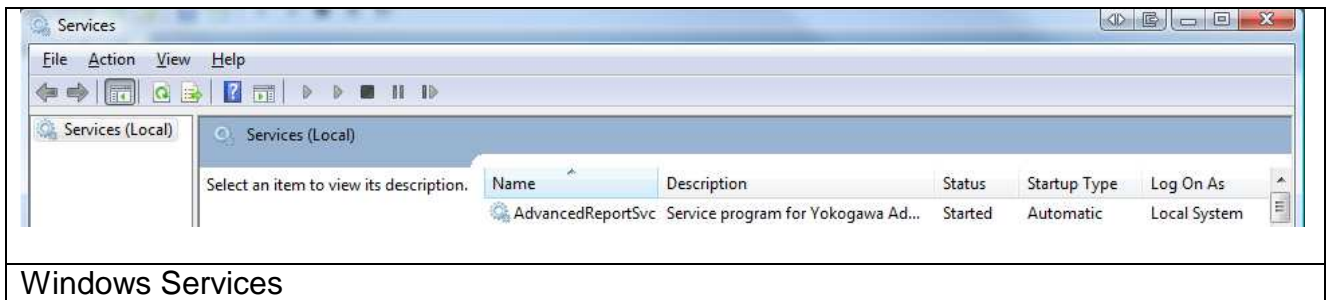
Also the FTP Server has to run as a Service!

7.1 Installation

Change to the Settings register. The Button „Install“ add the service „AdvancedReportSvc“ into the control panel. The Button „Start“ activate the Service. The service start as „System“ User in Automatic Mode. By changing the settings, it will be activate with a new folder scan.



The messages are send to the Windows event logger (Control Panel → Administrative Tools → Events).



7.2 Installation with printer support

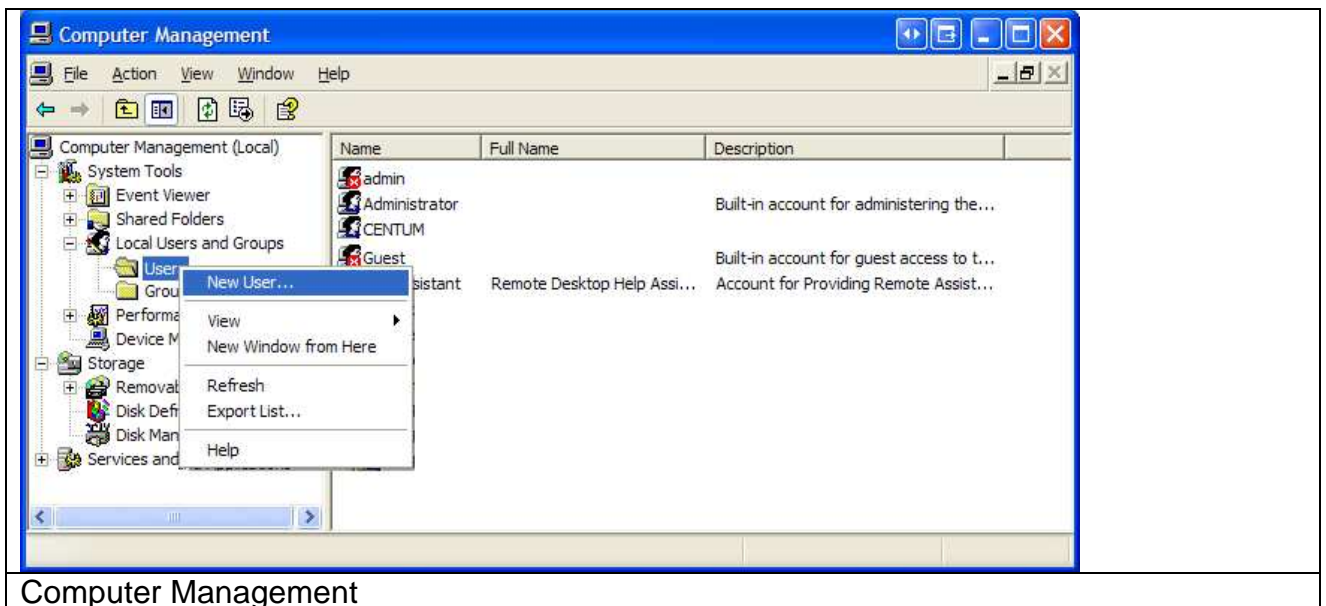
Start the program RunAsService.cmd to install the Service.

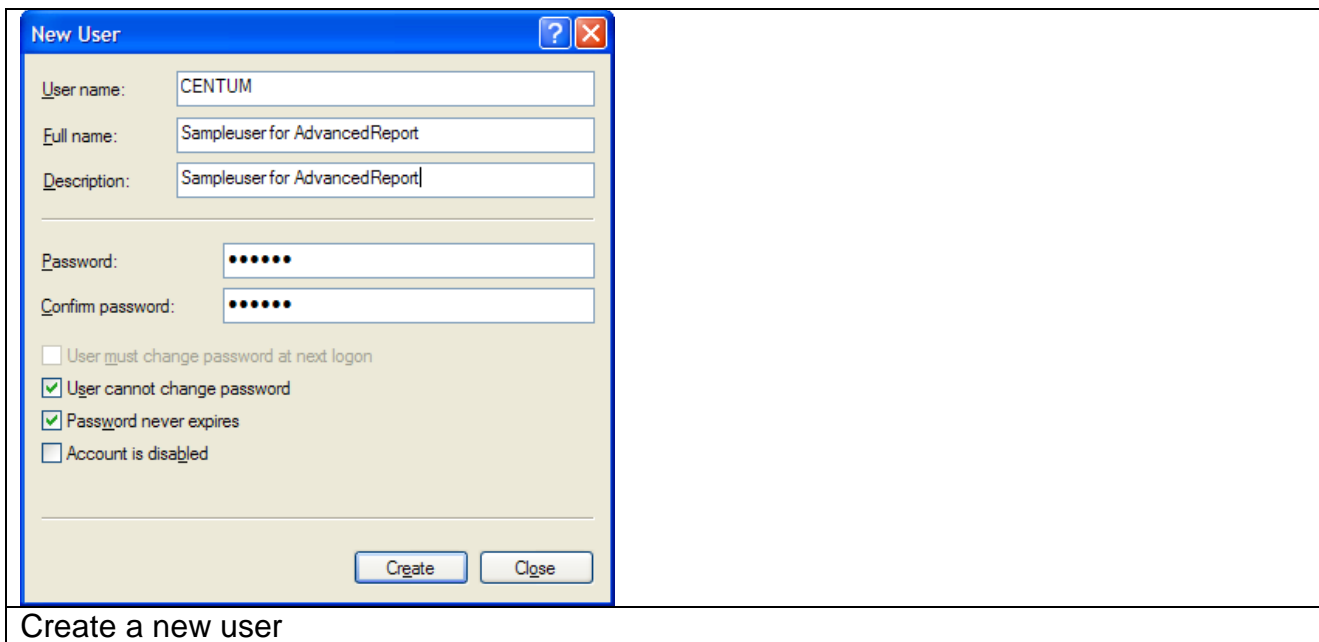
If you want to print the report on paper, please follow the next steps:

7.2.1 create a new lokal user:

control panel → Administrative tools → Computer Management

Local user and groups → user





New User

User name: CENTUM

Full name: Sampleuser for AdvancedReport

Description: Sampleuser for AdvancedReport

Password:

Confirm password:

☐ User must change password at next logon

☒ User cannot change password

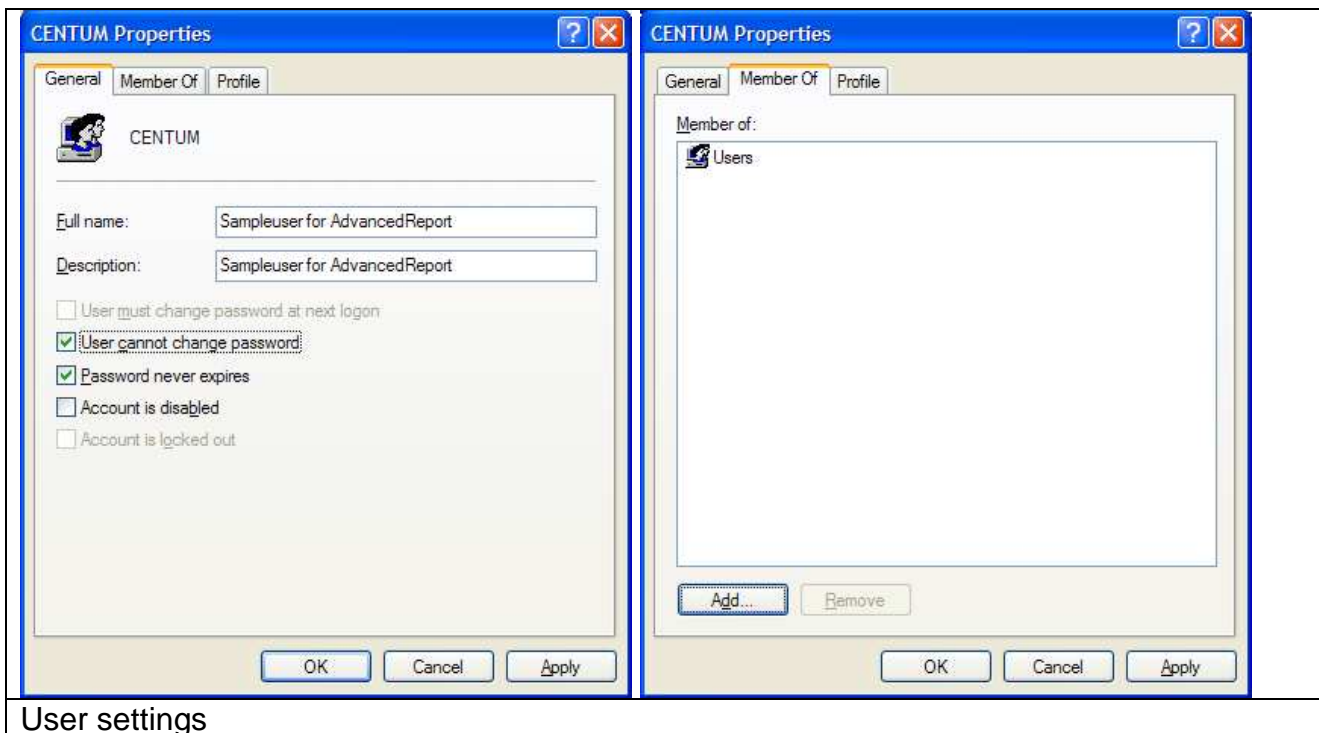
☒ Password never expires

☐ Account is disabled

Create Close


Create a new user

You have to set a password!



CENTUM Properties

General Member Of Profile

 CENTUM

Full name: Sampleuser for AdvancedReport

Description: Sampleuser for AdvancedReport

☐ User must change password at next logon

☒ User cannot change password

☒ Password never expires

☐ Account is disabled


☐ Account is locked out

OK Cancel Apply

CENTUM Properties

General Member Of Profile

Member of:

 Users

Add... Remove

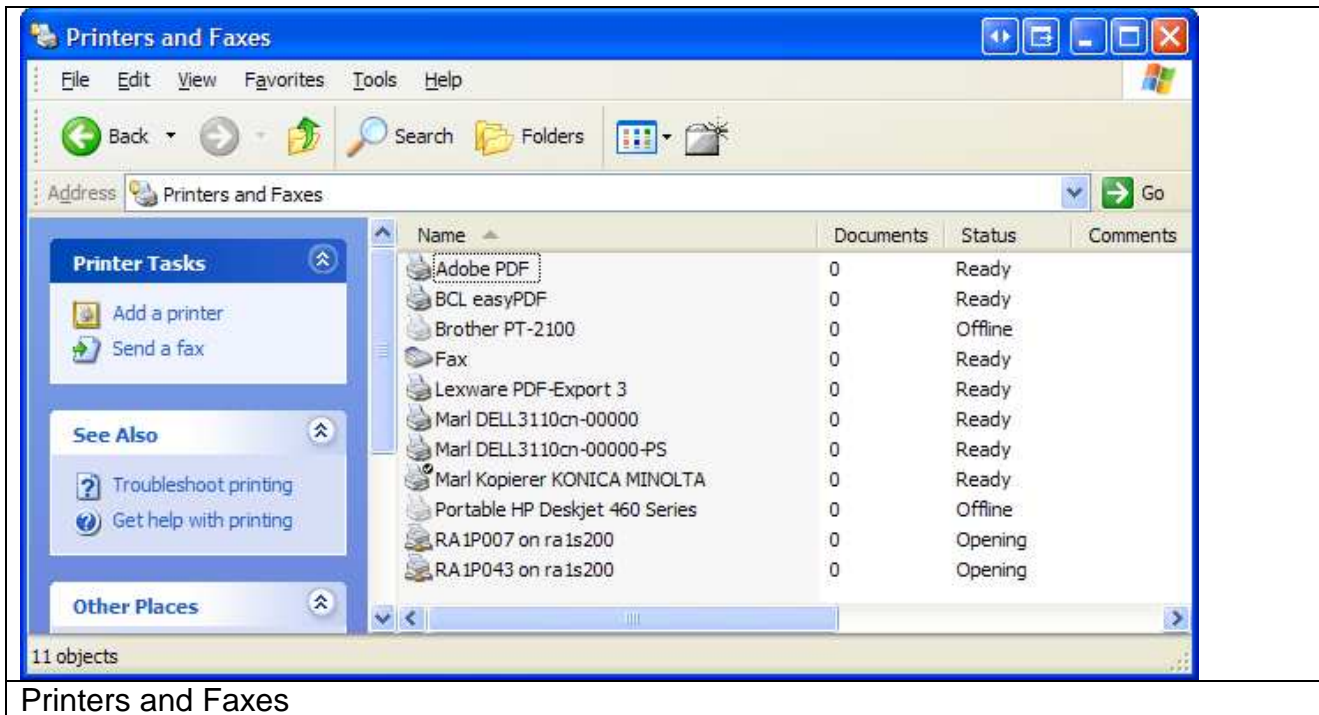
OK Cancel Apply

User settings

7.2.2 Add printer to the local user

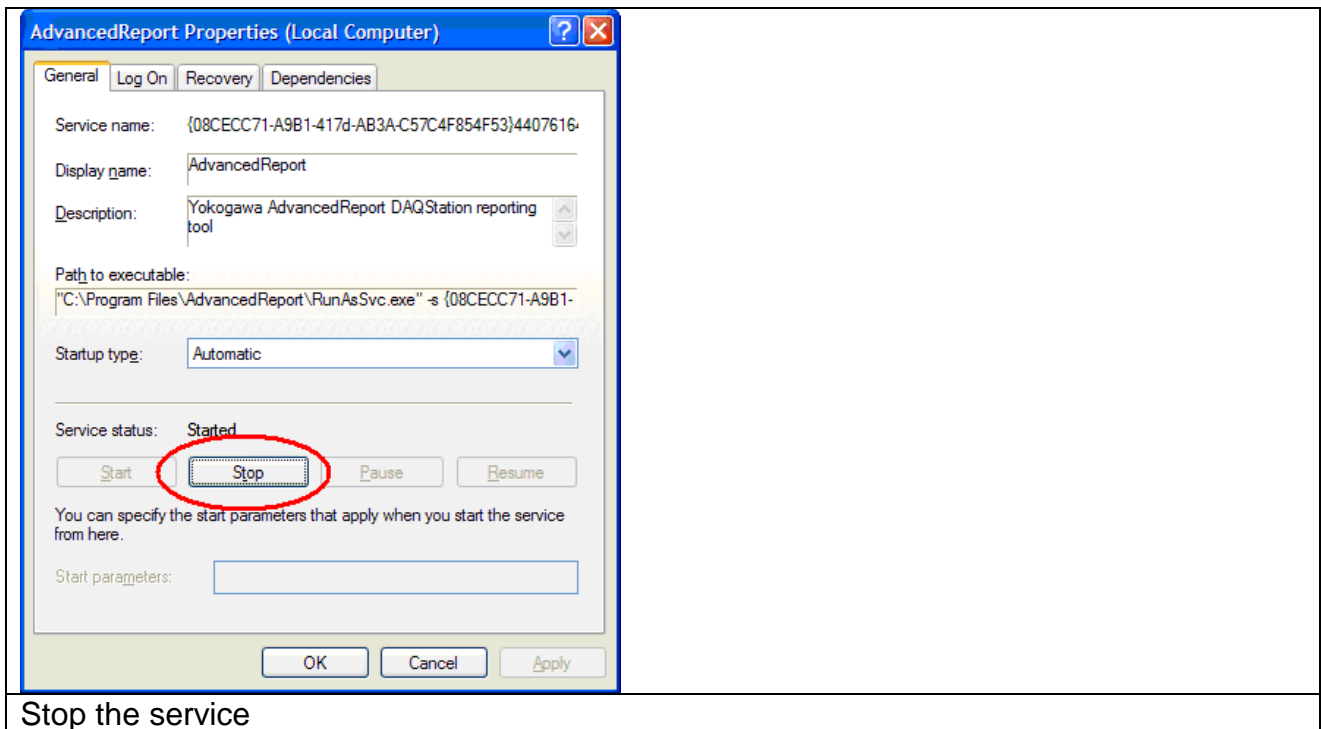
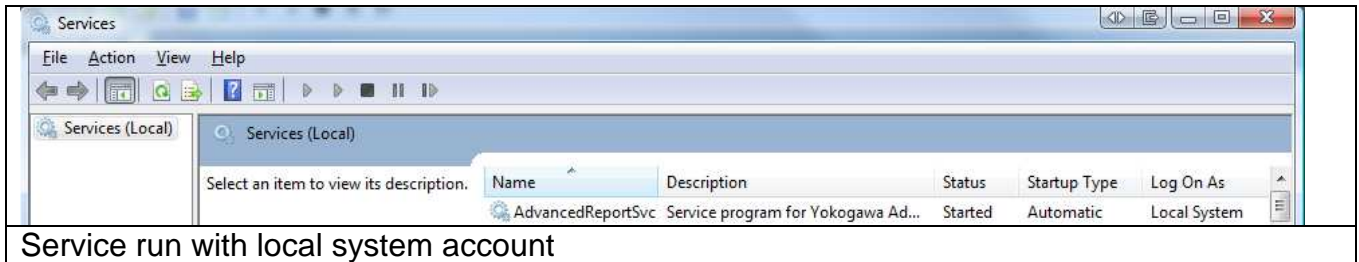
Login as new local user.

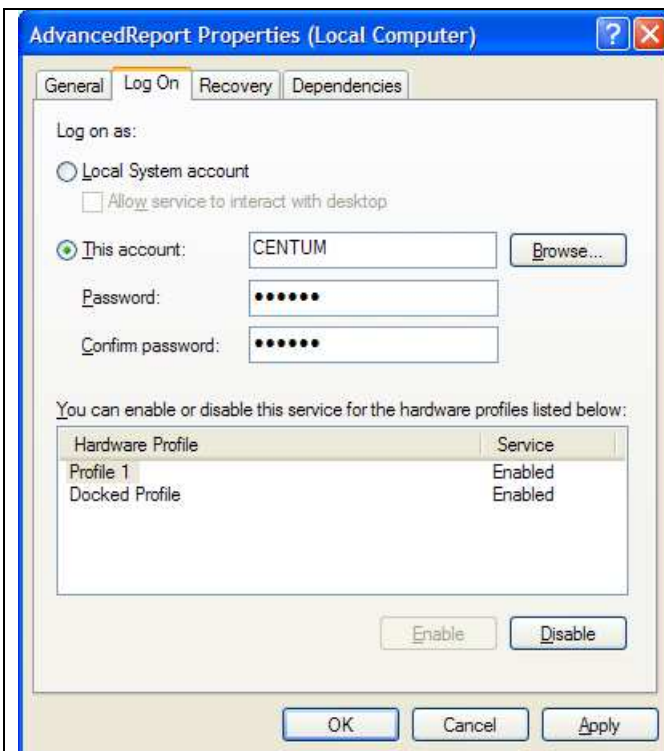
Add a printer to the user account. Ask your Administrator for more details.



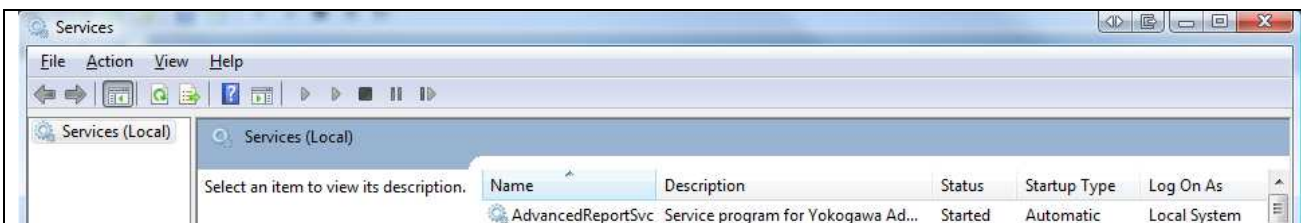
7.2.3 Change the settings for the service:

Control Panel → Administrative tools → Services

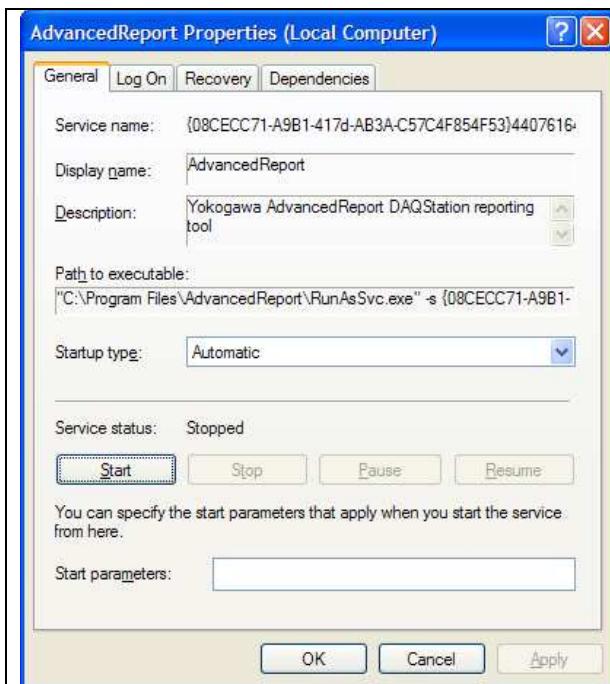




Change from System-account to local user account
In this example we use the local user "CENTUM"



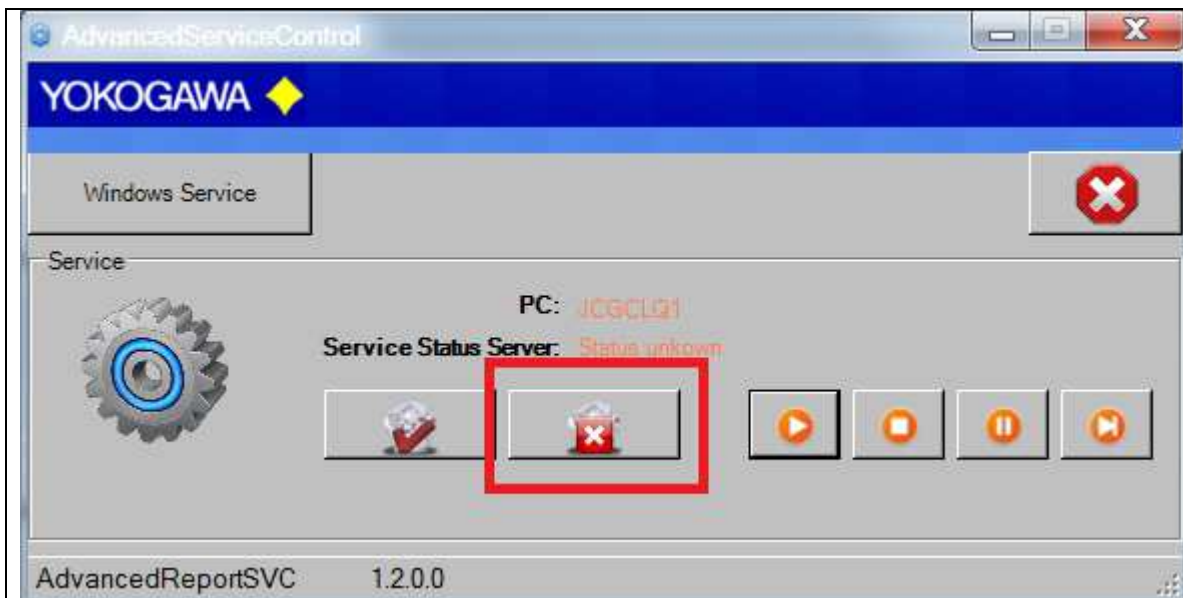
Service run with local user account



Restart the service

7.3 De-Installation Service

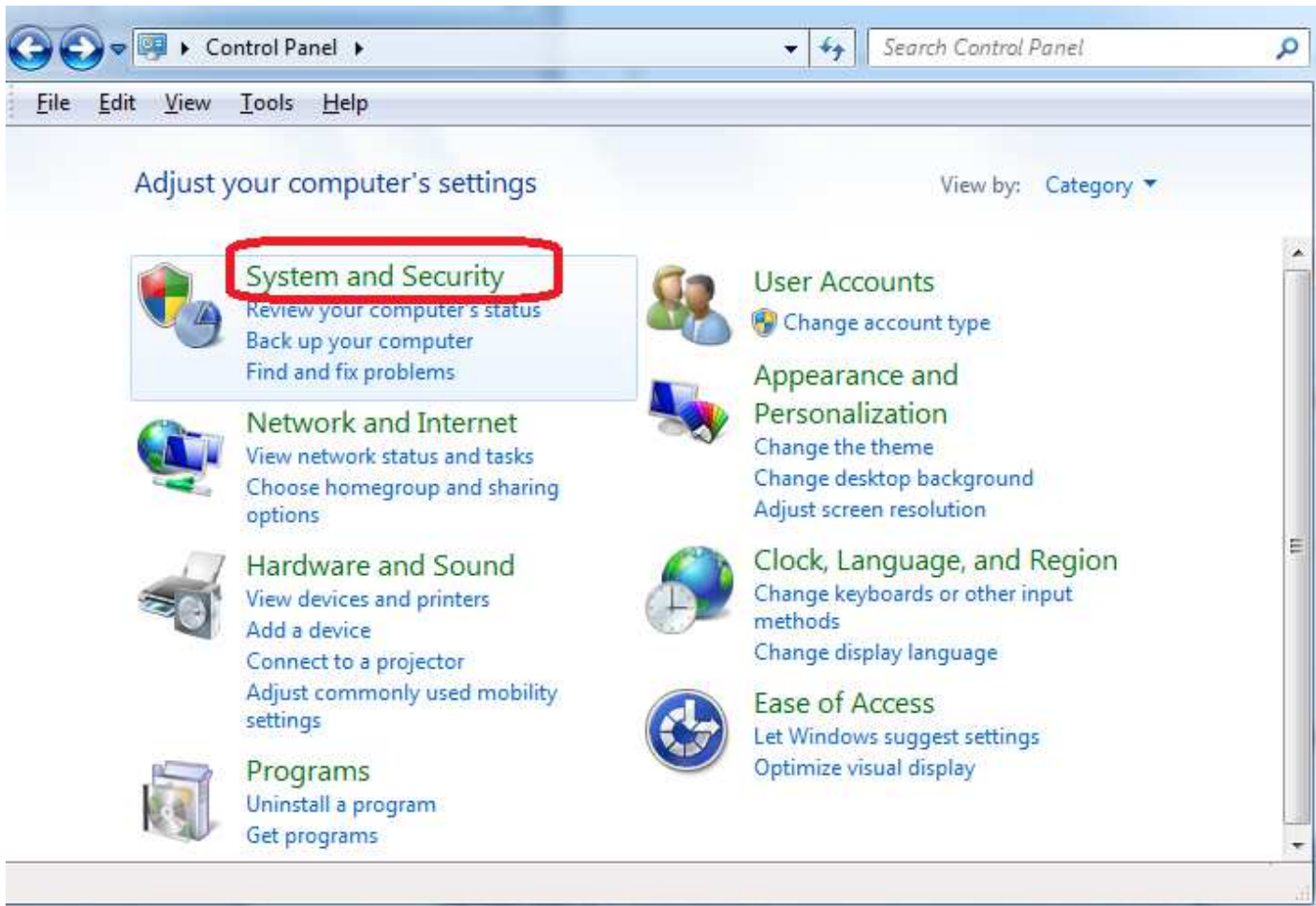
Change to the Settings register. The Button „Stop“ stopped the service. After stopping the service it is possible to deinstall the service by using the button „Un-Install“.



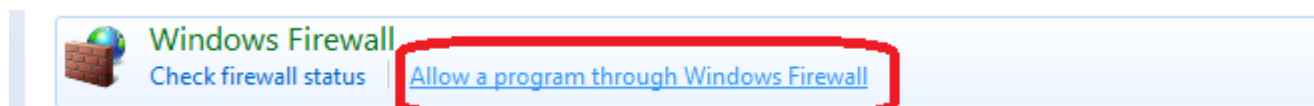
Stopp and Deinstall

7.4 Windows 7 Firewall

- Open the Windows XP control panel via START > SETTINGS > CONTROL PANEL
- Select **System and Security**



- Select on the left side of the screen the “Allow a program through Windows firewall” button




Or

Allow programs to communicate through Windows Firewall

To add, change, or remove allowed programs and ports, click Change settings.

[What are the risks of allowing a program to communicate?](#)

 Change settings

Allowed programs and features:

| Name | Domain | Home/Work (Pri... | Public | Group Policy |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------|
| <input type="checkbox"/> Ditto | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | No |
| <input type="checkbox"/> Ditto | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | No |
| <input checked="" type="checkbox"/> File and Printer Sharing | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | No |
| <input checked="" type="checkbox"/> FTP | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | No |
| <input type="checkbox"/> HomeGroup | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input type="checkbox"/> iSCSI Service | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input type="checkbox"/> Key Management Service | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input checked="" type="checkbox"/> LANDesk Message Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input checked="" type="checkbox"/> LANDesk Ping Discovery Service | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input checked="" type="checkbox"/> LANDesk Remote Control Agent | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |
| <input checked="" type="checkbox"/> LANDesk Targeted Multicast | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No |

[Details...](#) [Remove](#)

[Allow another program...](#)

[OK](#) [Cancel](#)

Edit a Port

Use these settings to open a port through Windows Firewall. Choose a meaningful name you'll remember. To find the port number and protocol, consult the documentation for the program or service you want to use.

Name:

Port number:

Protocol: ☒ TCP ☐ UDP

[What are the risks of opening a port?](#)

You can choose which network location types this port is open on.

[Network location types...](#) [OK](#) [Cancel](#)

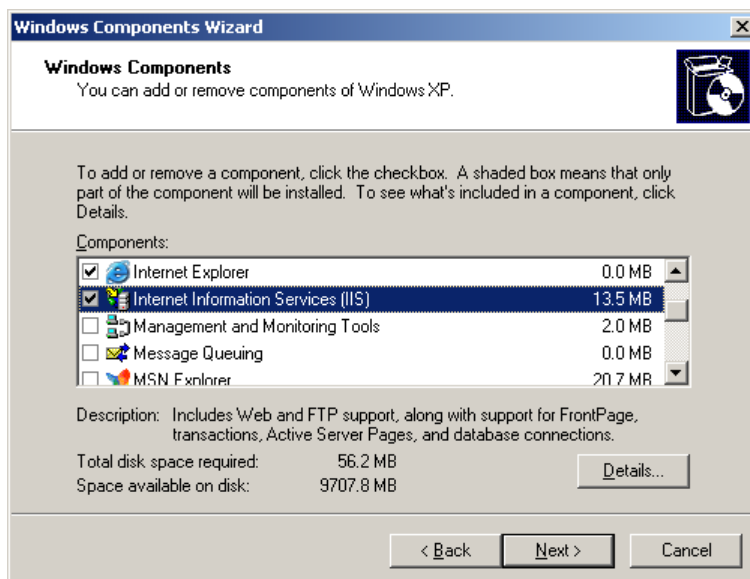
8. Windows XP FTP server installation

>Check Next chapter for Windows 7 FTP server installation<

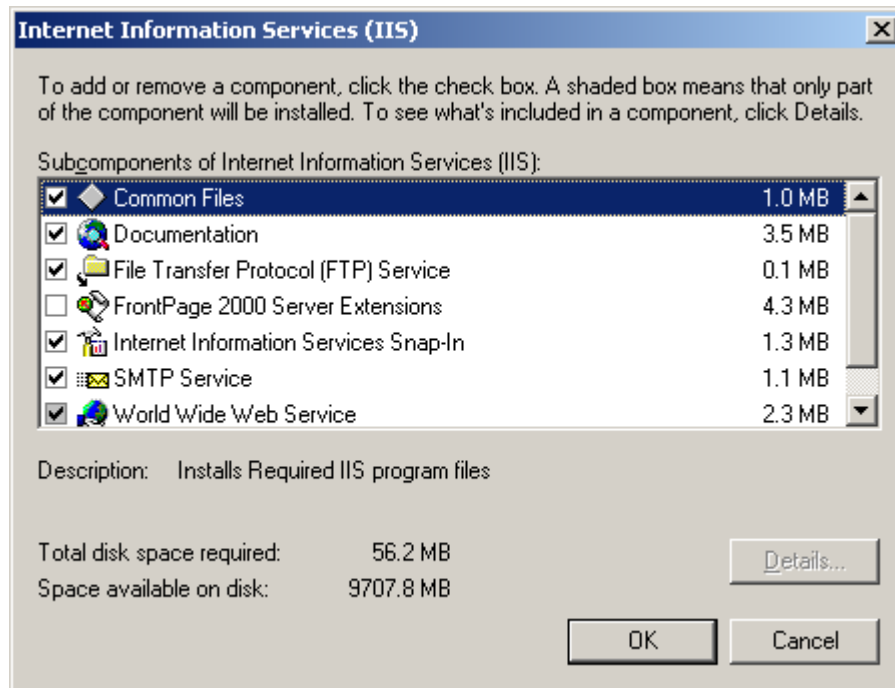
- Open the Windows XP control panel via START > SETTINGS > CONTROL PANEL
- Select ADD AND REMOVE PROGRAMS



- Select on the left side of the screen the “Add/Remove Windows Components” button



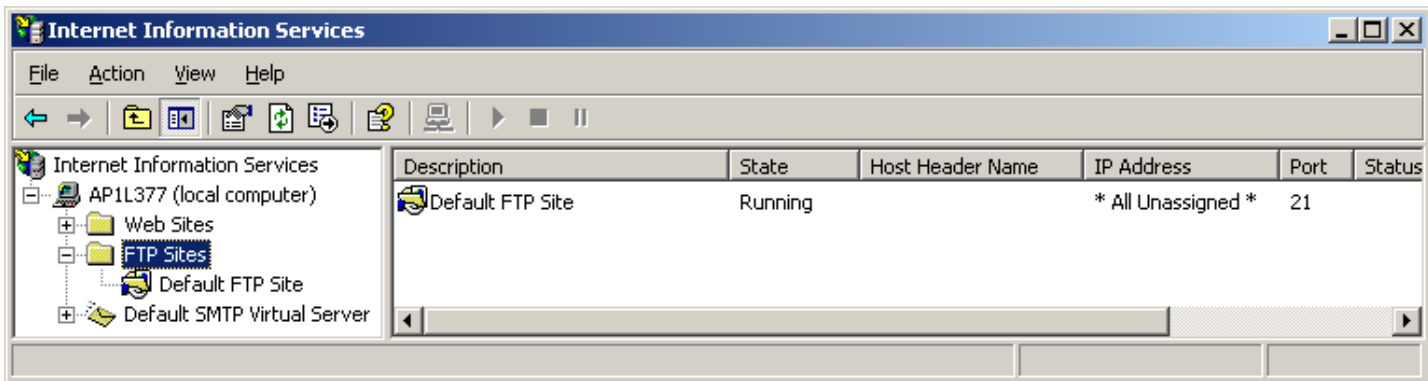
- Select “Internet Information Services (IIS)” and select the DETAILS button. Ensure that the options as shown in the following picture are selected.



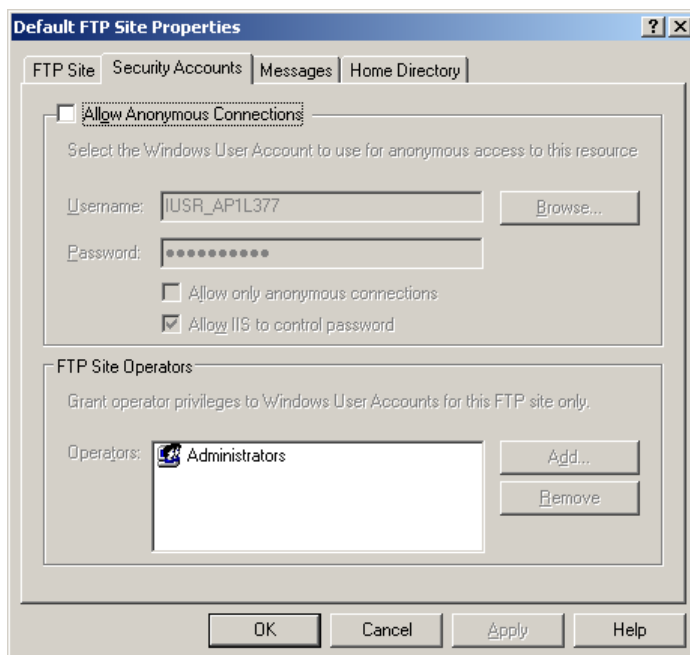
- After confirming your selections by pressing the OK button select NEXT in the previous screen. Now the server software will be installed. For this you do need the official Windows XP CD.
- After completing the installation open the control panel START > SETTINGS > CONTROL PANEL
- Select "Administrative Tools"



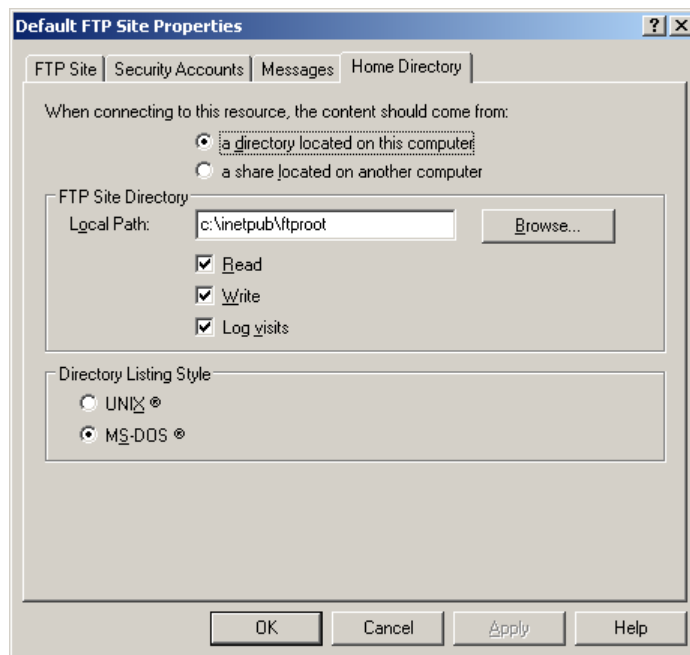
- Double click "Internet Information Services" to see the IIS status. After selecting the folder "FTP Sites" you will see in the right side of the screen the state of the "Default FTP Site" that should "Running".



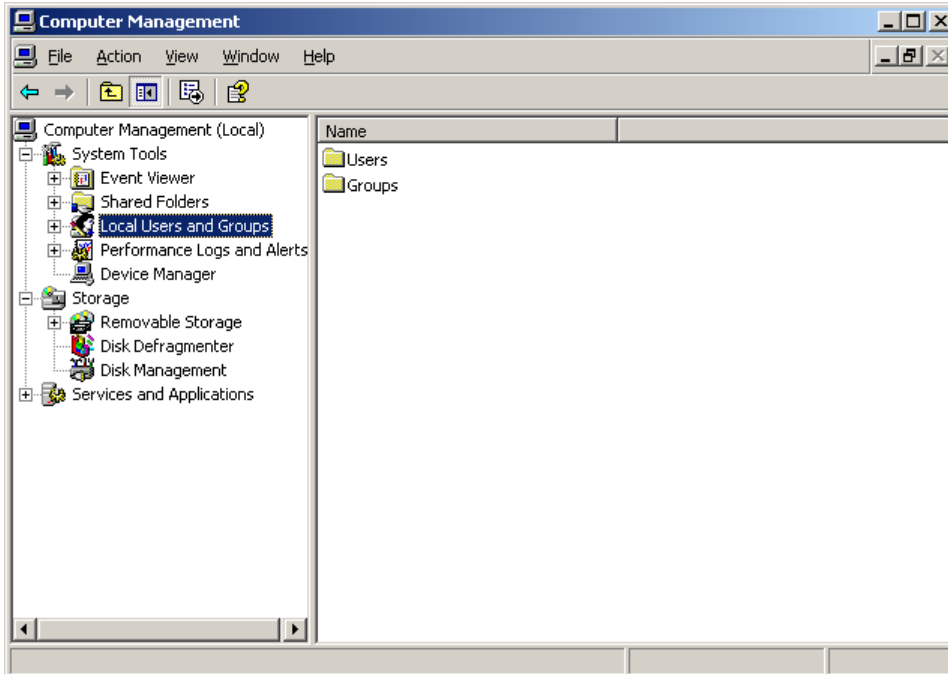
- This default FTP site accepts requests from anybody (mentioned as “anonymous”) without any authentication. This is not good for security and the FTP server should be dedicated for the DX2000. Therefore some additional settings should be made.
- Select in the right side of the window the “Default FTP Site” and right click the mouse. Now select PROPERTIES and the properties window will open.
- In the SECURITY ACCOUNTS tab ensure that the “Allow anonymous connections” is NOT selected. Confirm your action by selecting YES.



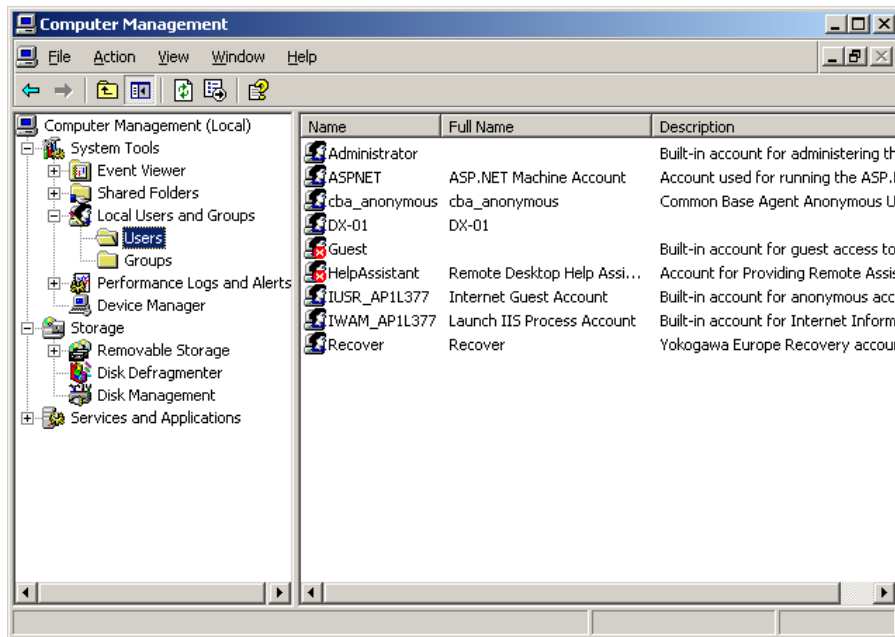
- Now select the HOME DIRECTORY tab. Select here the options “Write” and make sure that “Read” and “Log visits” are already selected. The directory listing style should be “MS-DOS”.



- Confirm your settings by pressing OK and close the ISS status window.
- In the “Administrative Tools” window now double click “Computer Management”.



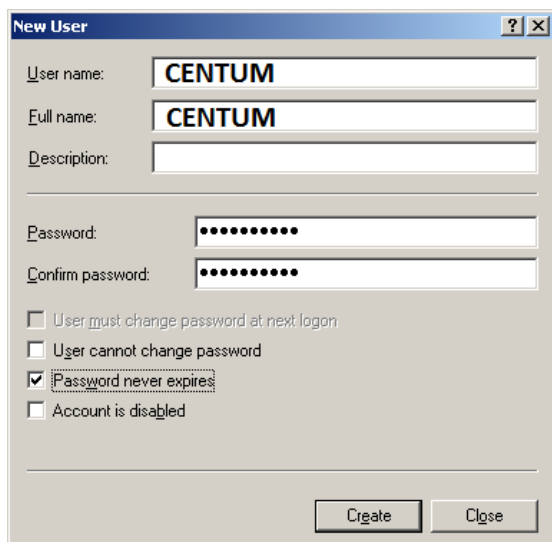
- In this new window double click on “Local Users and Groups” to open the folders Users and Groups. Now select the folder User. In the right window a list of all registered users is shown.



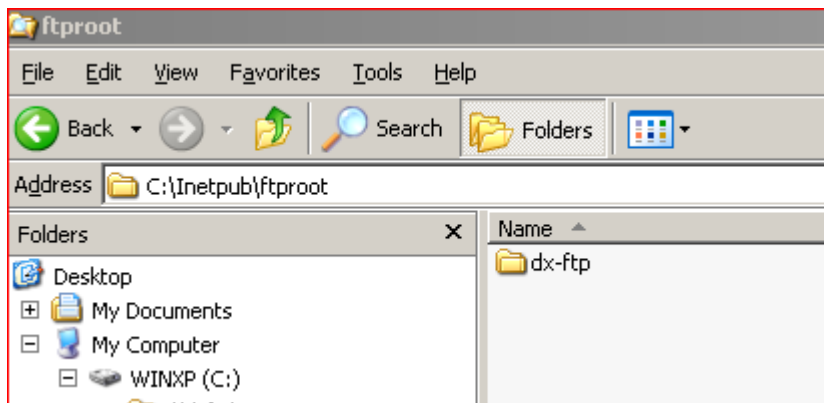
- We do need to register DAQSTATION as a new user. For this press in the toolbar ACTION > NEW USER. Now a new window will open and fill in the following data;

User name : CENTUM
Full name : CENTUM
Description :
Password : <Your Password>
Confirm password : <Your Password>

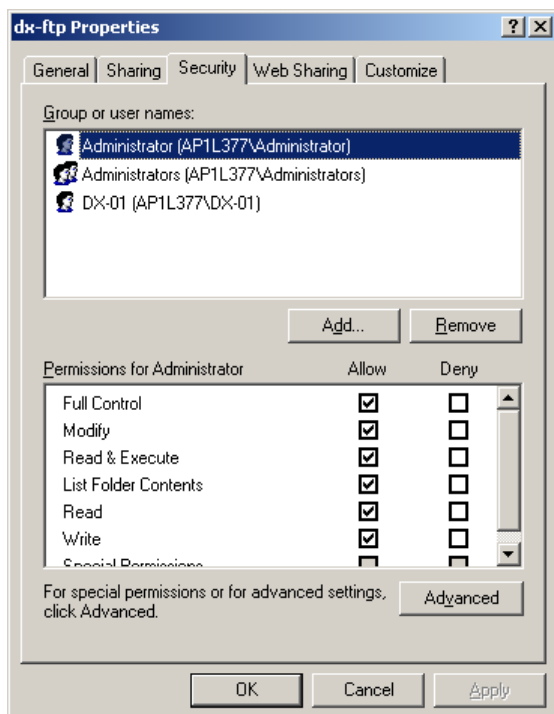
After this remove the check for "User must change password at next login" and do check "Password never expires".



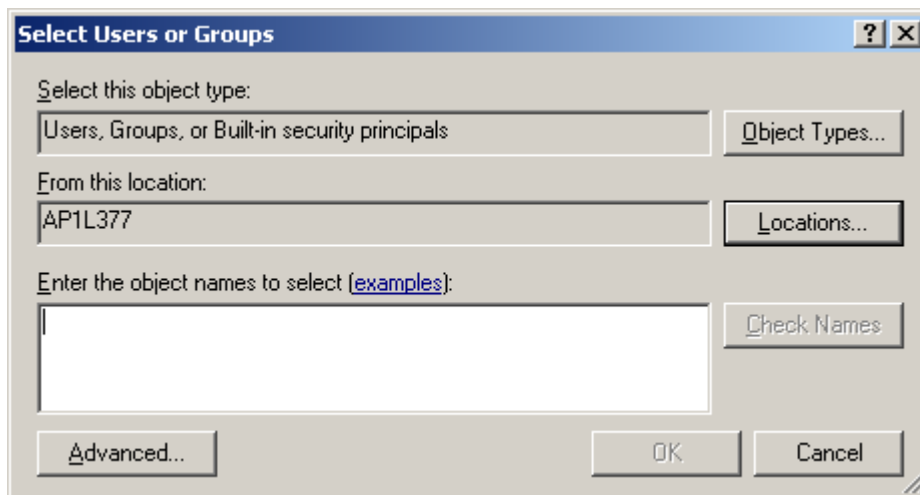
- Now confirm your settings by selecting CREATE and after that close the window by pushing the CLOSE button.
The new user DX-01 will now show up in the list.
- Close all open windows and start windows explorer. In the explorer select the folder C:\inetpub\ftproot. Create in this folder a new folder with the name dx-ftp.



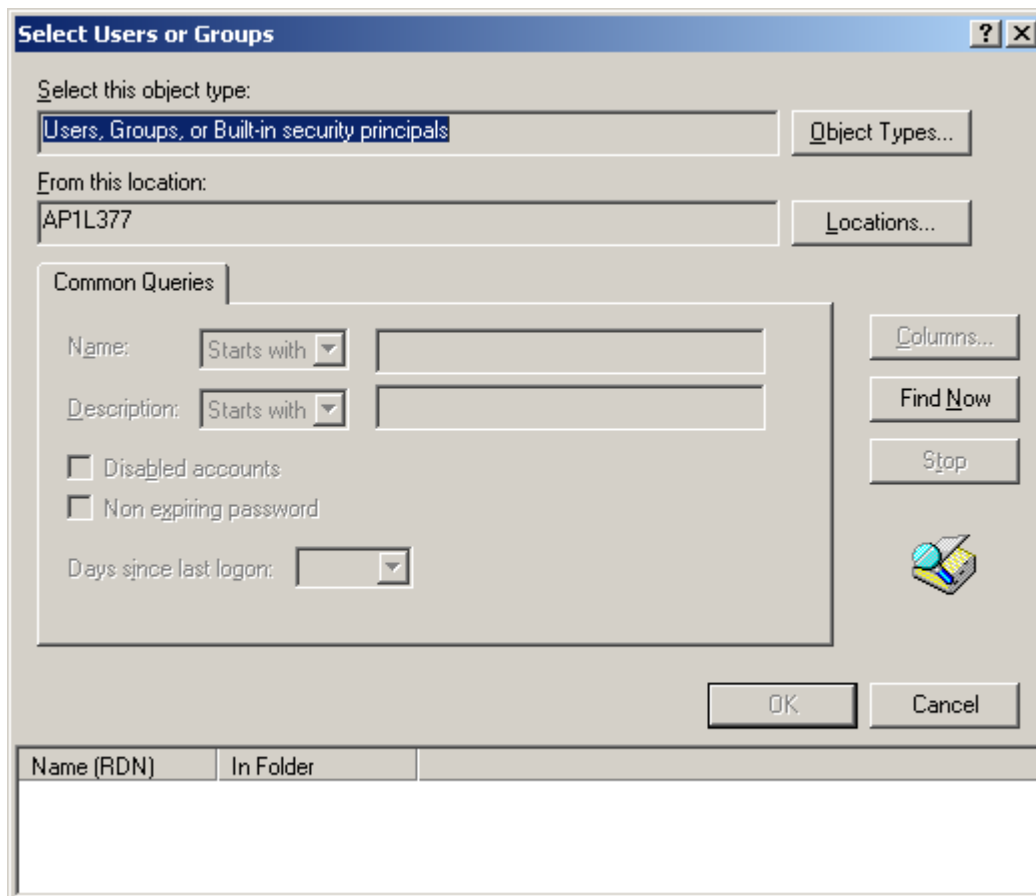
- Now select the new folder and by right clicking it open the properties of the folder. After this select the SECURITY tab.



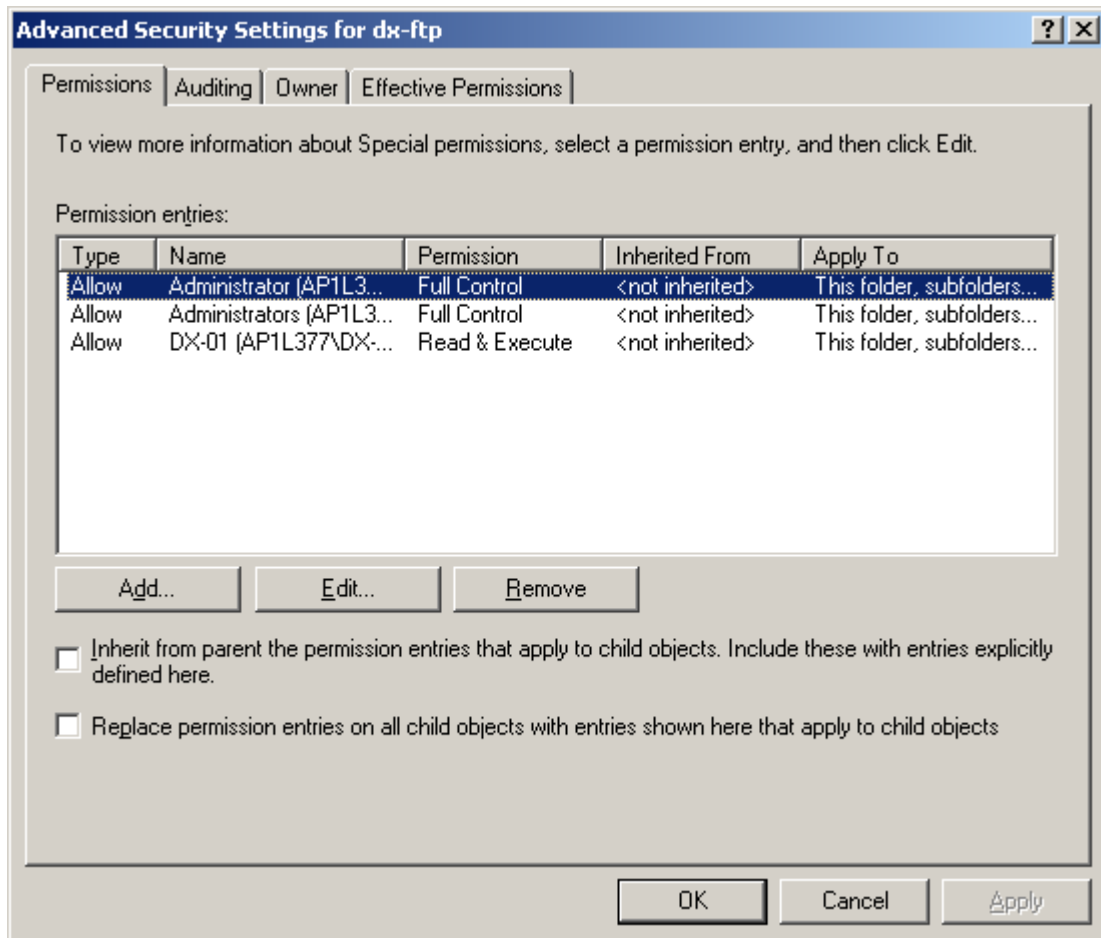
- First remove all users from the shown list. Then click the ADD button. Ensure that in the “From this location” line the name of your computer is mentioned.



- Click the ADVANCED button.



- Click the FIND NOW button. After this a list of users is shown in the lower part of the screen. Here select the new user and select OK. In the previous windows also select OK.
- In the dx-ftp properties window select the ADVANCED button.



- In the PERMISSIONS tab of this window both optional selections must NOT be selected. And confirm your setting by selecting the OK button twice.
- The FTP server software is now installed and ready for use.

9. Windows 7 FTP server installation

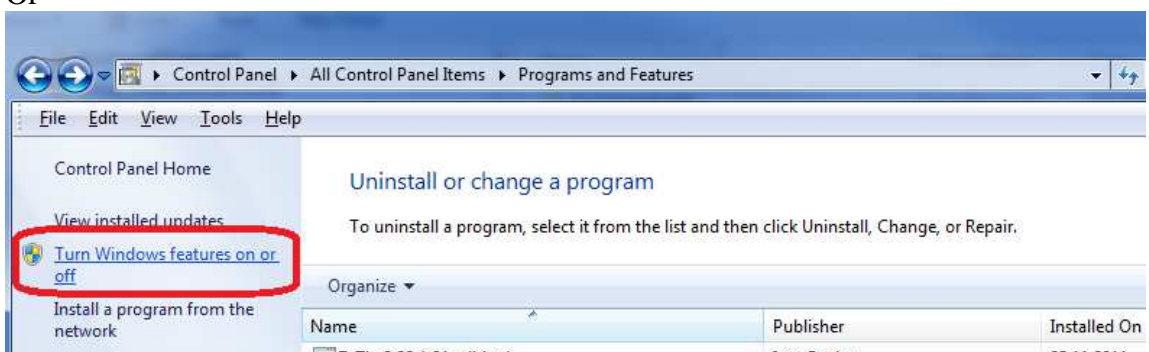
- Open the Windows XP control panel via START > SETTINGS > CONTROL PANEL
- Select PROGRAMS



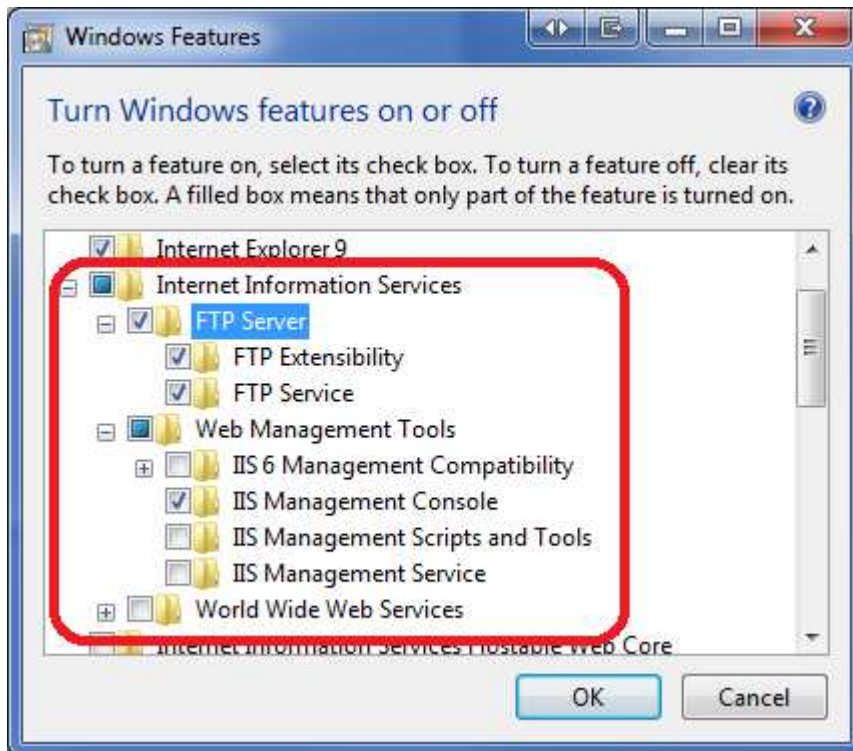
- Select on the left side of the screen the “Add/Remove Windows Components” button



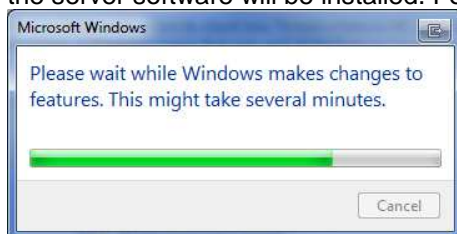
Or



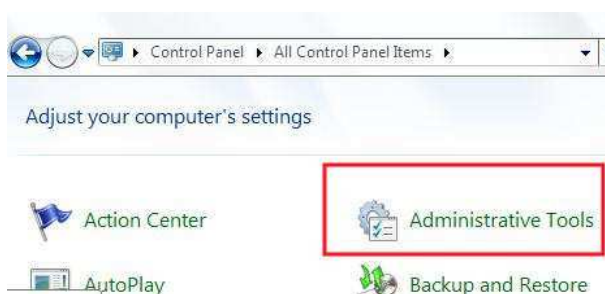
- Select "Internet Information Services (IIS)" and select the DETAILS button. Ensure that the options as shown in the following picture are selected.

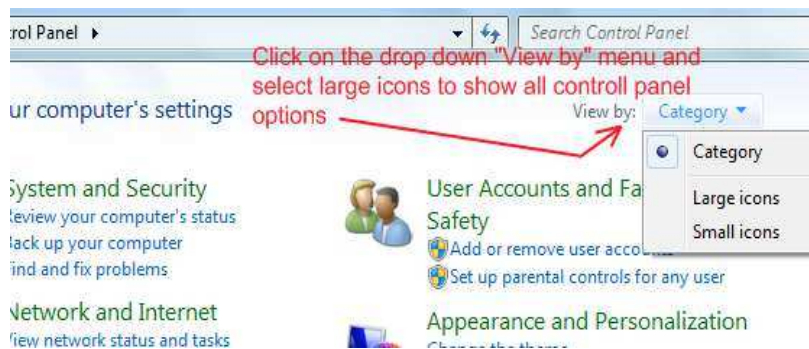


- After confirming your selections by pressing the OK button select NEXT in the previous screen. Now the server software will be installed. For this you do need sometimes the official Windows 7 CD.

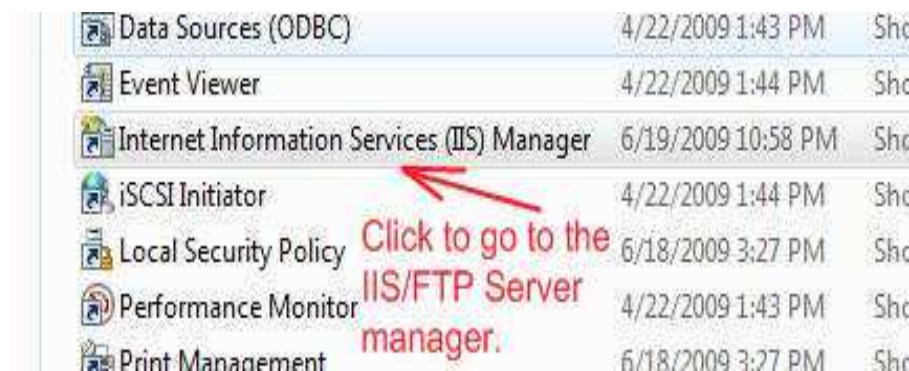


- After completing the installation open the control panel START > SETTINGS > CONTROL PANEL
- Open the Control Panel on your system. And click on **Administrative Tools**. In case you are unable to locate Administrative Tools in the control panel, you may need to switch to 'View all control panel items' from the "View by" menu at the top right in your control panel window.

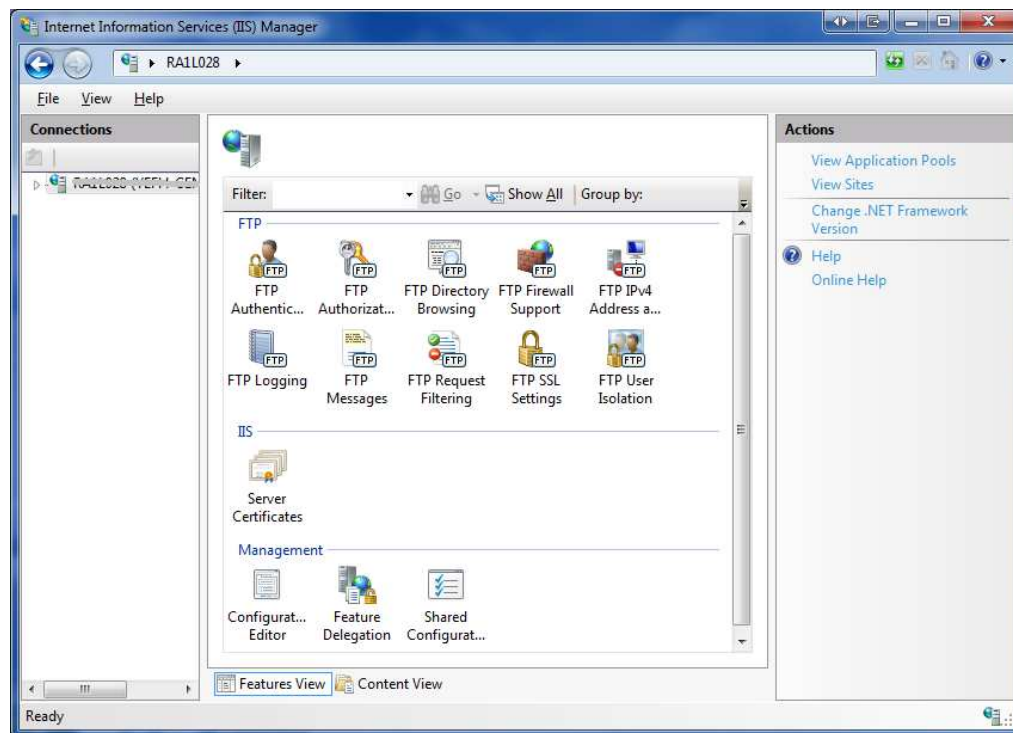




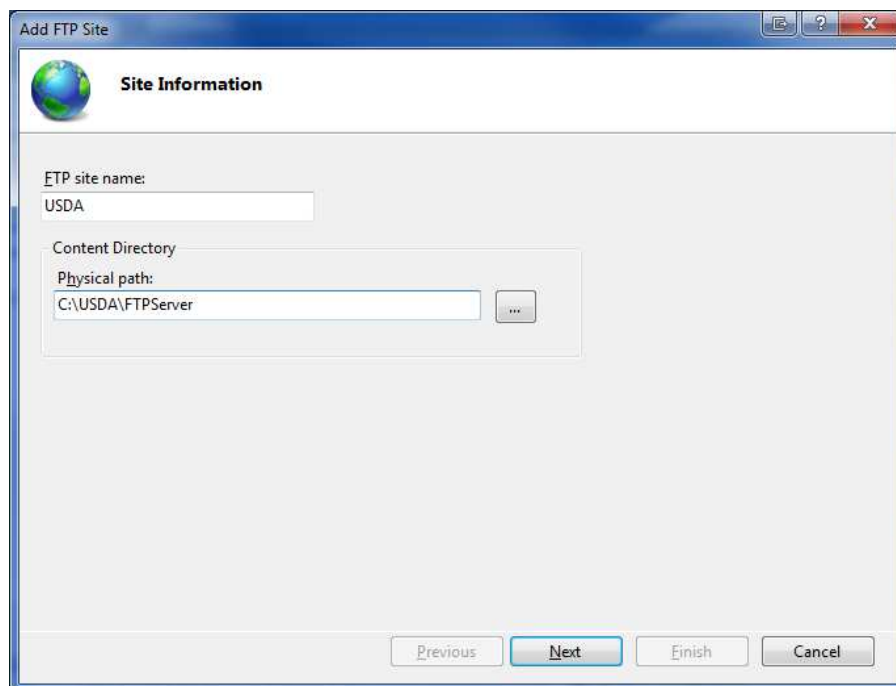
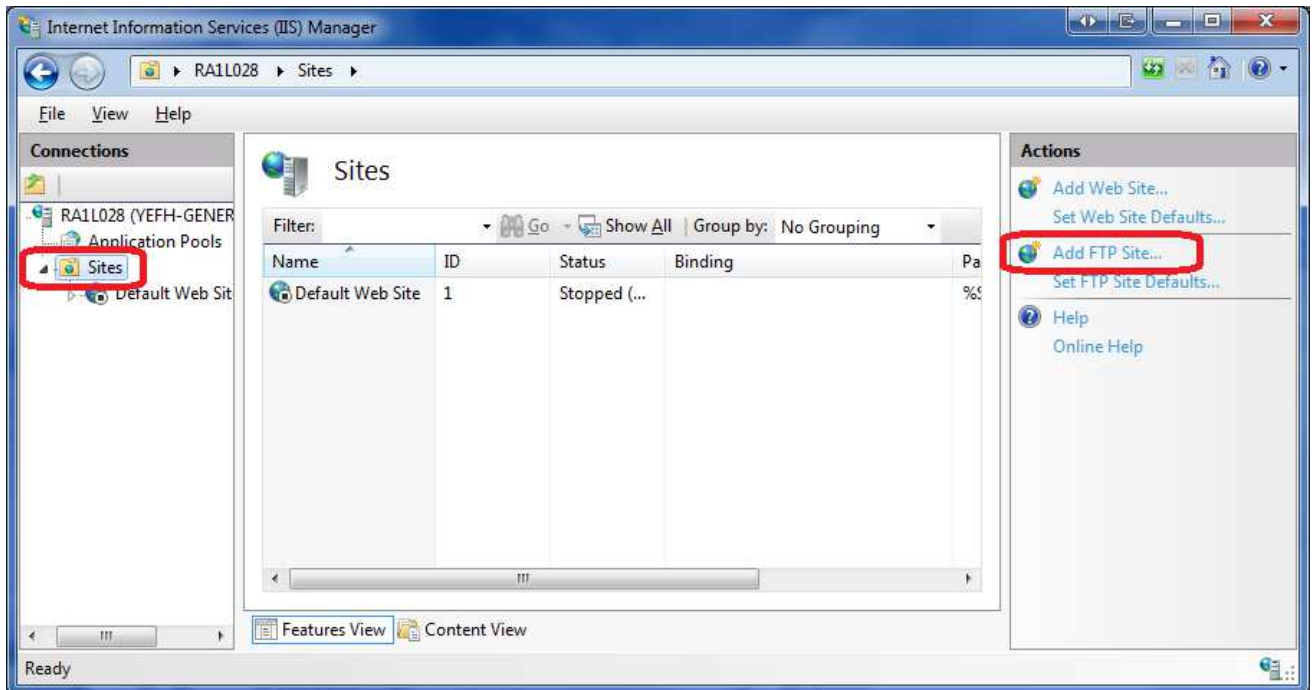
- In the Administrative Tools windows, locate "**Internet Information Services Manager**" and click on it. You can now see a new window with lot of settings / options in it categorised separately under FTP and IIS.



- Double click "Internet Information Services" to see the IIS status. After selecting the folder "FTP Sites" you will see in the right side of the screen the state of the "Default FTP Site" that should "Running".



- To create a FTP site please start the FTP wizard.



Add FTP Site

Binding and SSL Settings

Binding

IP Address: All Unassigned Port: 21

☐ Enable Virtual Host Names:
Virtual Host (example: ftp.contoso.com):

☒ Start FTP site automatically

SSL

☒ No SSL

☐ Allow SSL

☐ Require SSL

SSL Certificate: Not Selected View...

Previous Next Finish Cancel

Add FTP Site

Authentication and Authorization Information

Authentication

☐ Anonymous

☐ Basic

Authorization

Allow access to:

Specified users

CENTUM

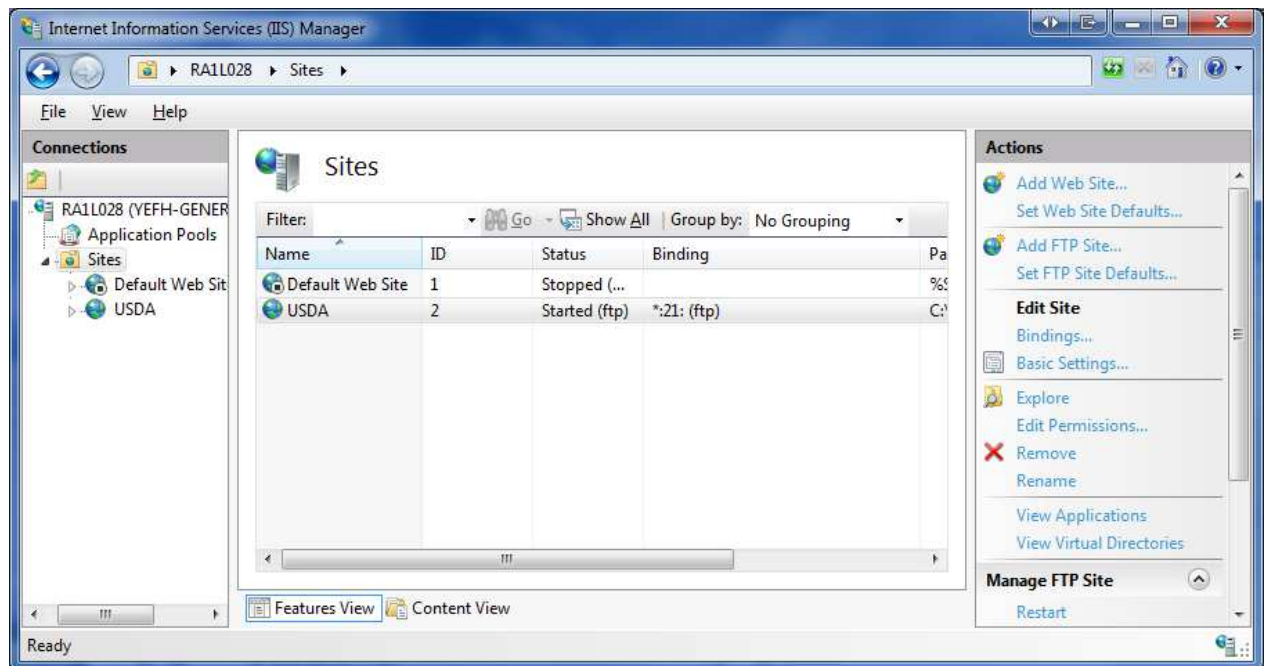
Permissions

☒ Read

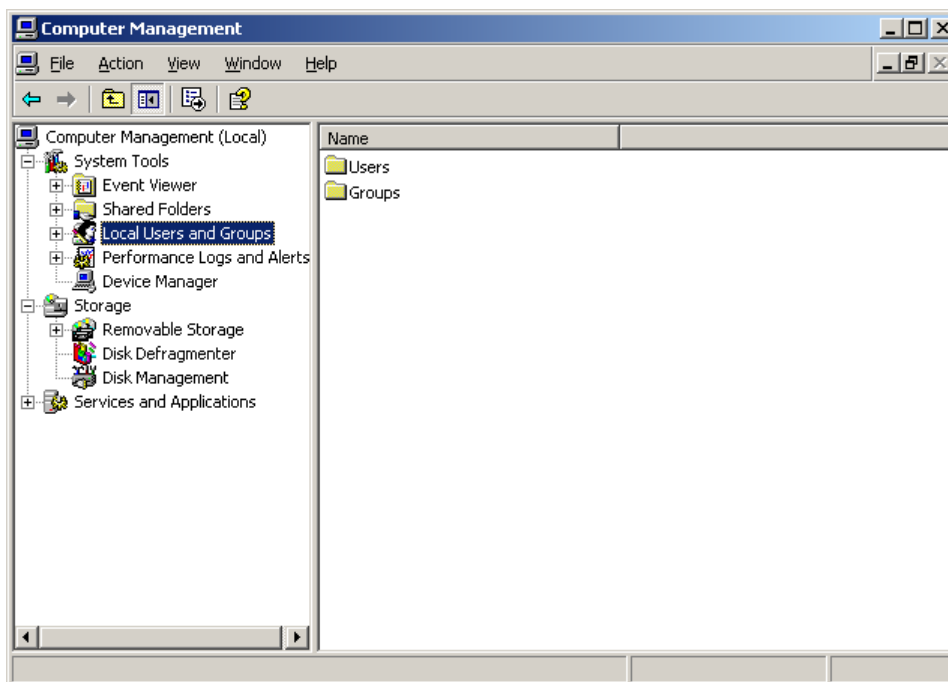
☒ Write

Previous Next Finish Cancel

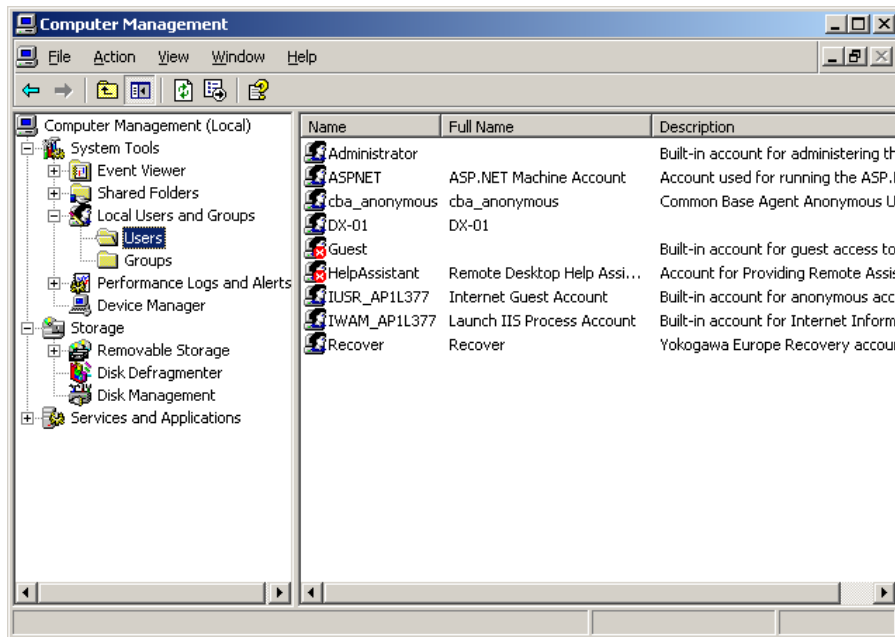
- Confirm your settings by pressing Finish and close the ISS status window.



- In the “Administrative Tools” window now double click “Computer Management”.



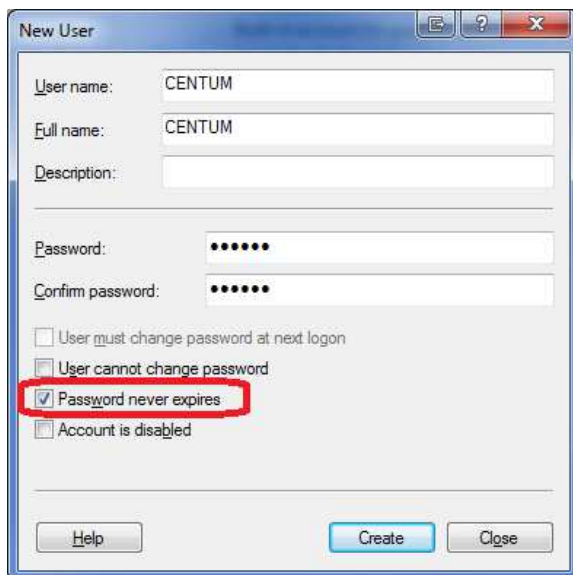
- In this new window double click on “Local Users and Groups” to open the folders Users and Groups. Now select the folder User. In the right window a list of all registered users is shown.



- We do need to register DAQSTATION as a new user. For this press in the toolbar ACTION > NEW USER. Now a new window will open and fill in the following data;

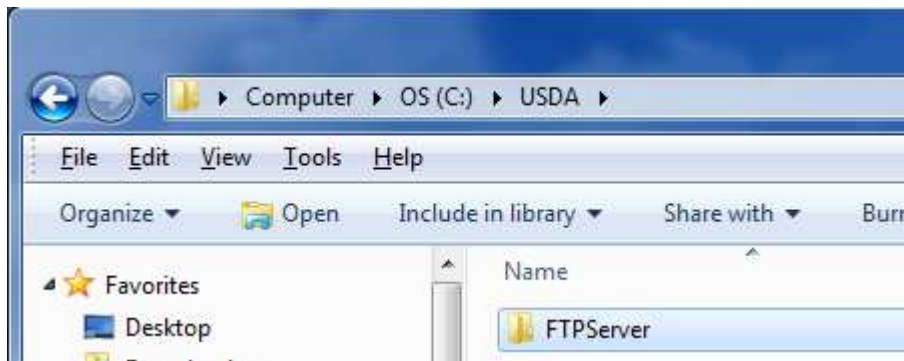
User name : CENTUM
Full name : CENTUM
Description :
Password : <Your Password>
Confirm password : <Your Password>

After this remove the check for "User must change password at next login" and do check "Password never expires".

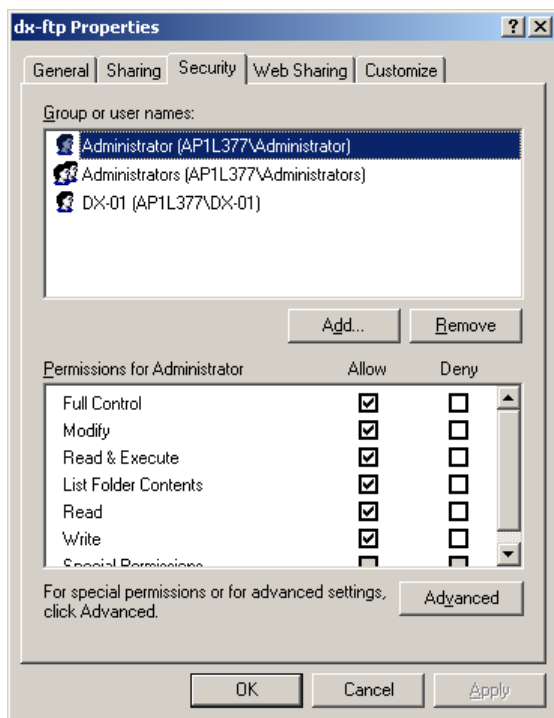


- Now confirm your settings by selecting CREATE and after that close the window by pushing the CLOSE button.
The new user CENTUM will now show up in the list.

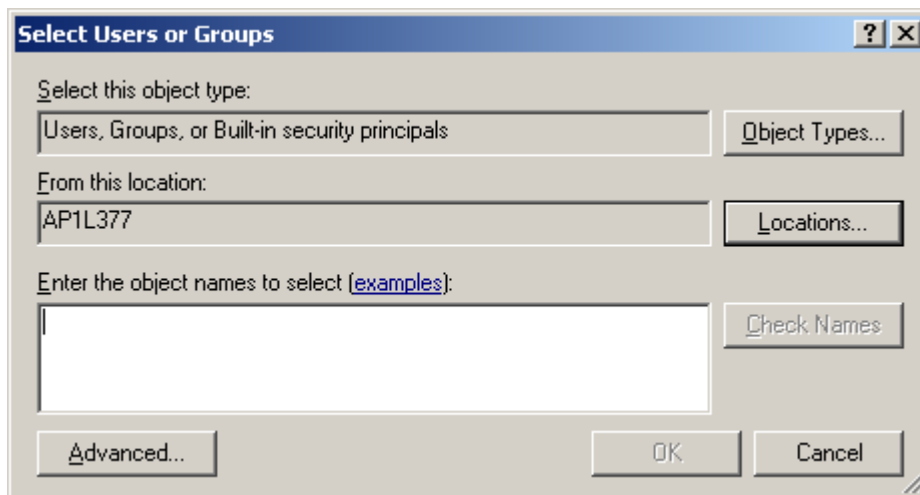
- Close all open windows and start windows explorer. In the explorer select the folder C:\USDA\FTPServer. Create in this folder a new folder with the name dx-ftp.



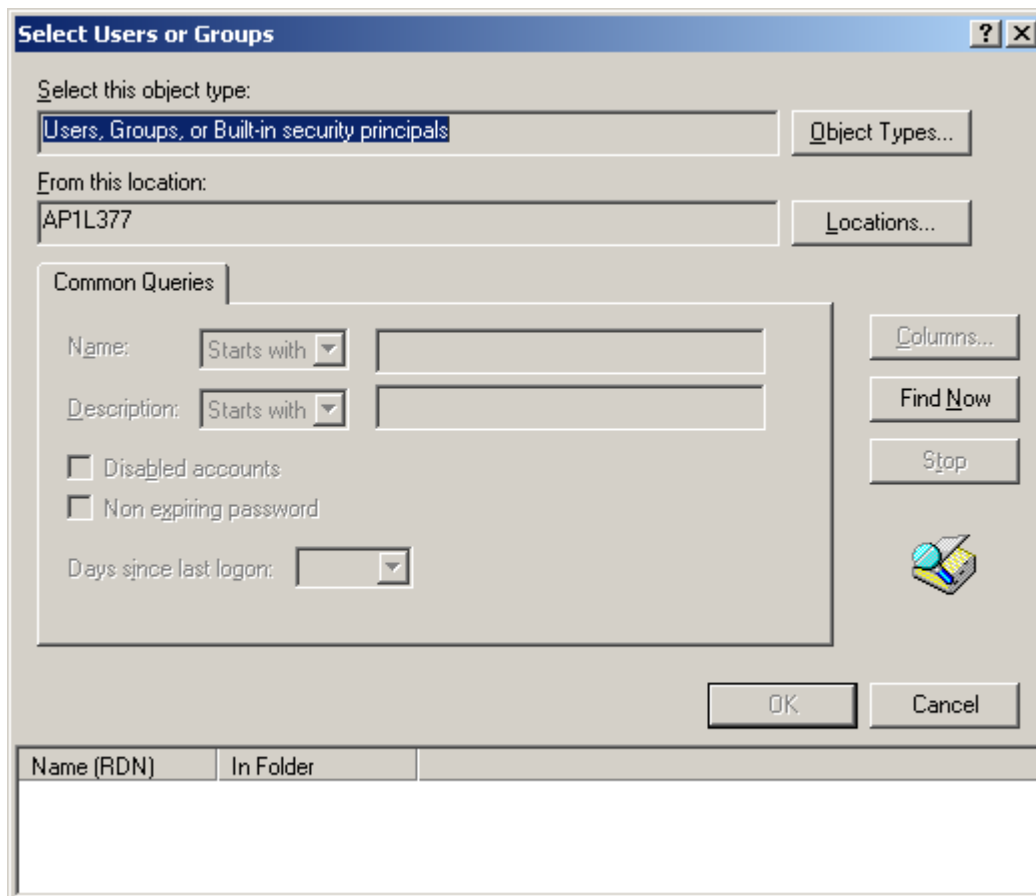
- Now select the new folder and by right clicking it open the properties of the folder. After this select the SECURITY tab.



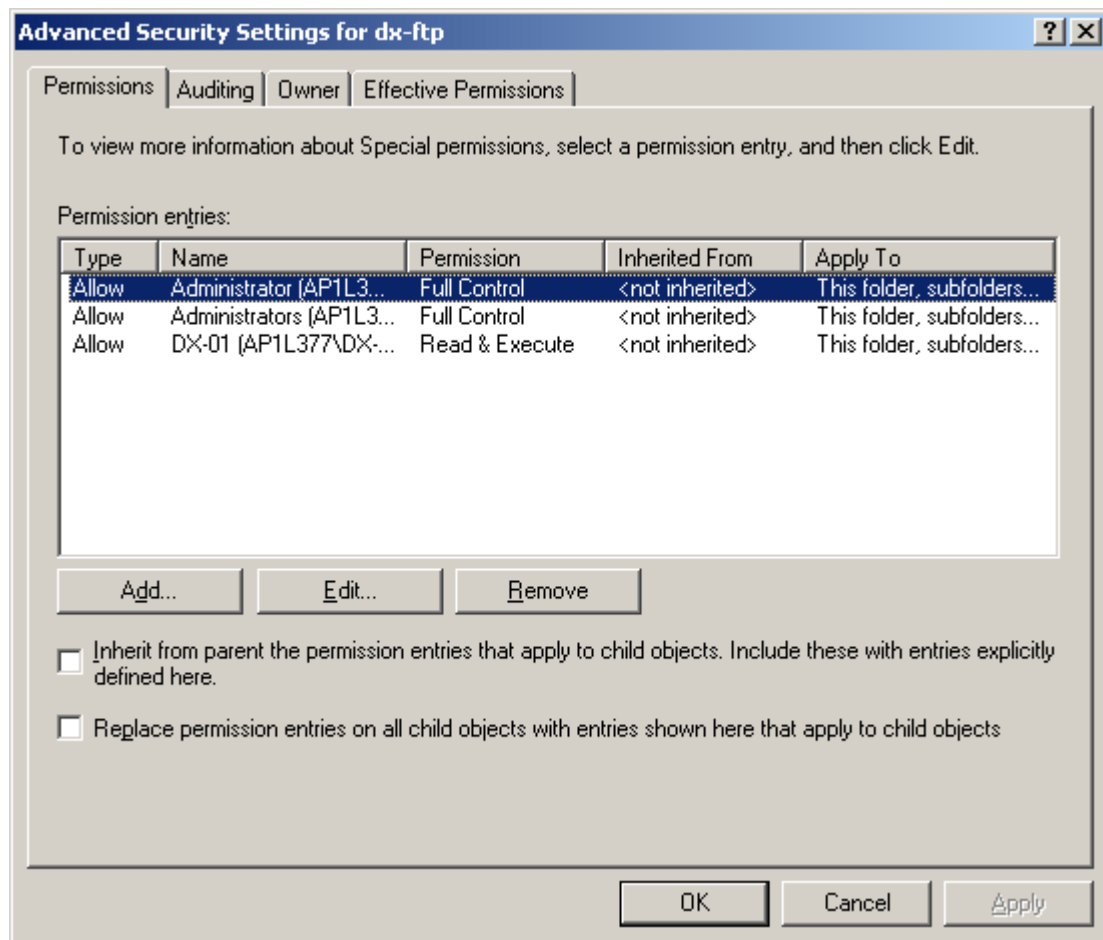
- First remove all users from the shown list. Then click the ADD button. Ensure that in the "From this location" line the name of your computer is mentioned.



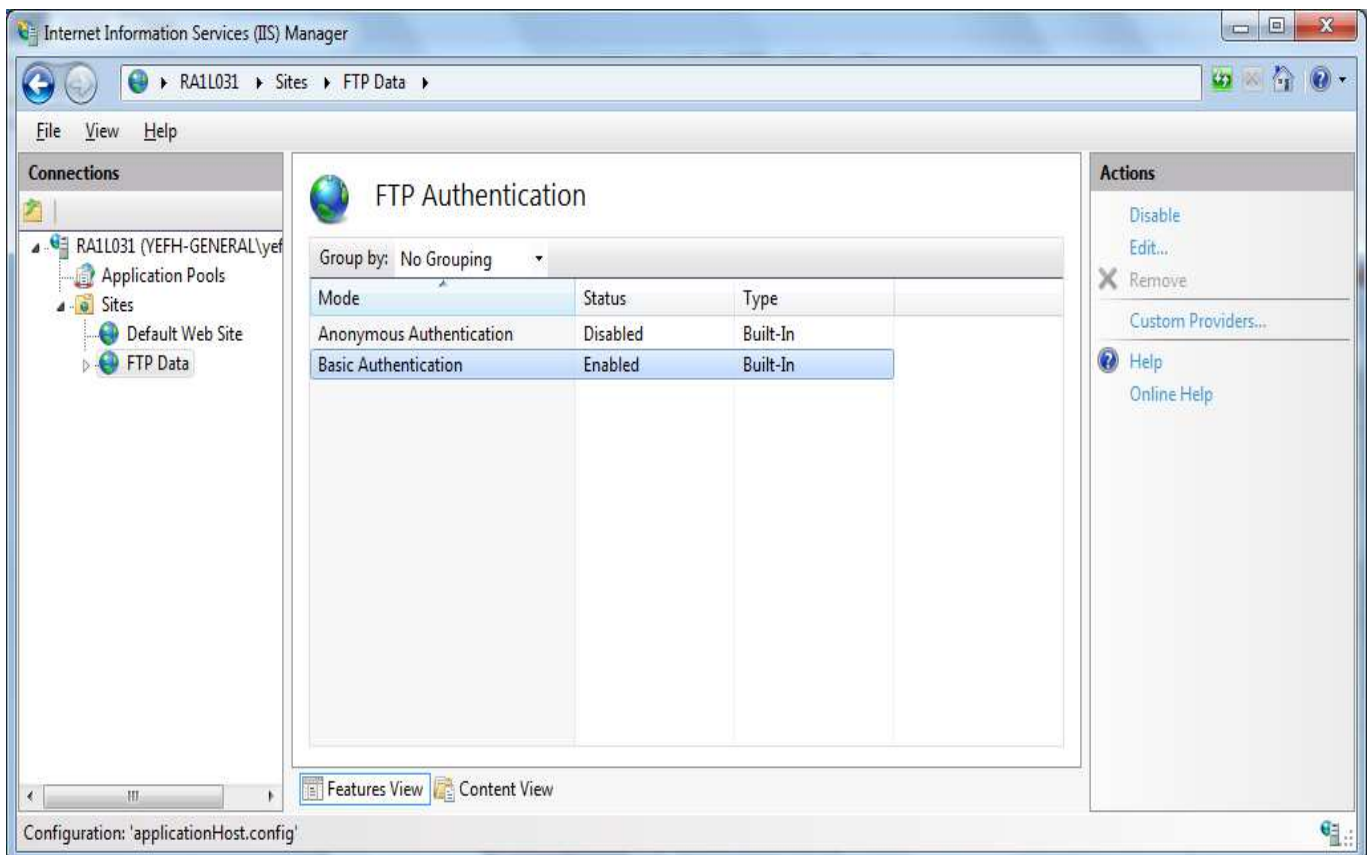
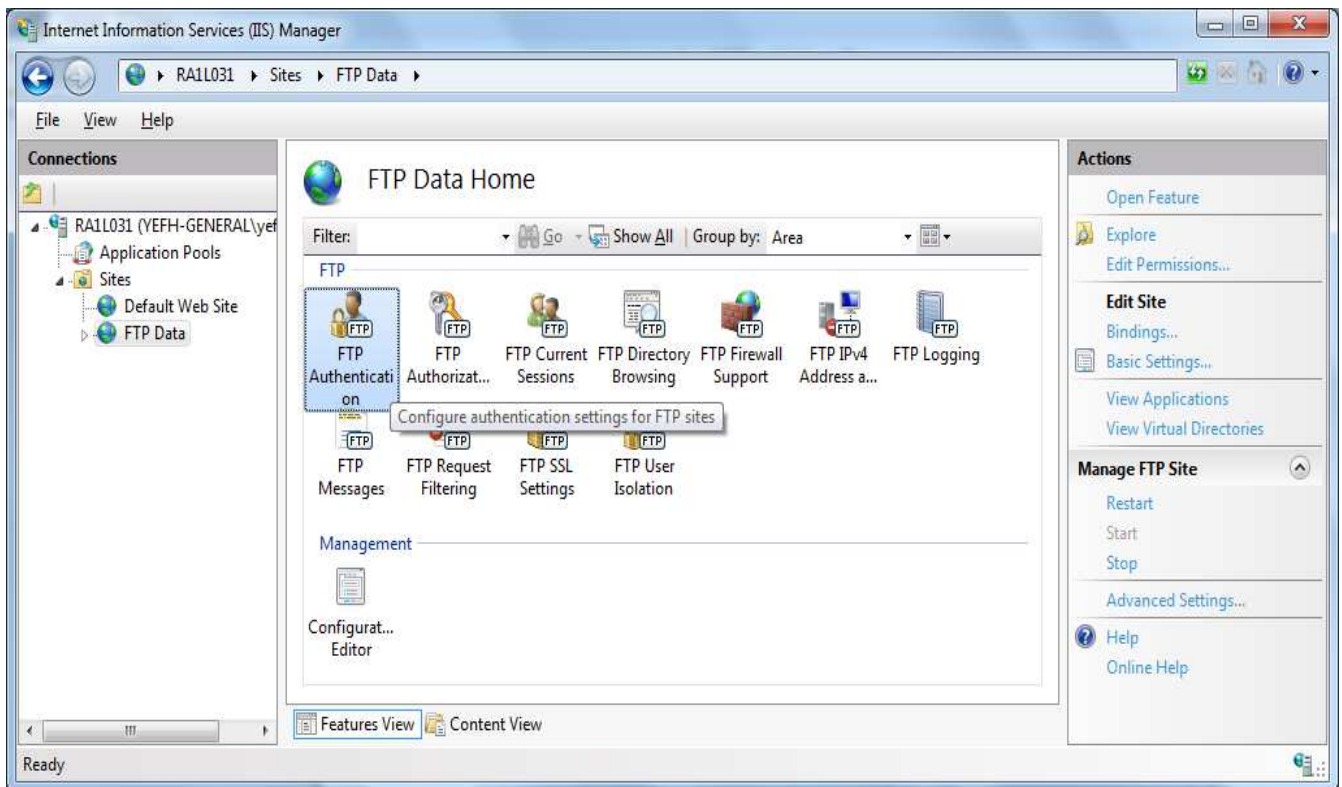
- Click the ADVANCED button.



- Click the FIND NOW button. After this a list of users is shown in the lower part of the screen. Here select the new user and select OK. In the previous windows also select OK.
- In the dx-ftp properties window select the ADVANCED button.



- In the PERMISSIONS tab of this window both optional selections must NOT be selected. And confirm your setting by selecting the OK button twice.
- The FTP server software is now installed and ready for use.



10. Test FTP Function / Testing the FTP Transfer

You can test whether a test file can be transferred from the DX to an FTP server.

◇ Press FUNC and select FTPtest

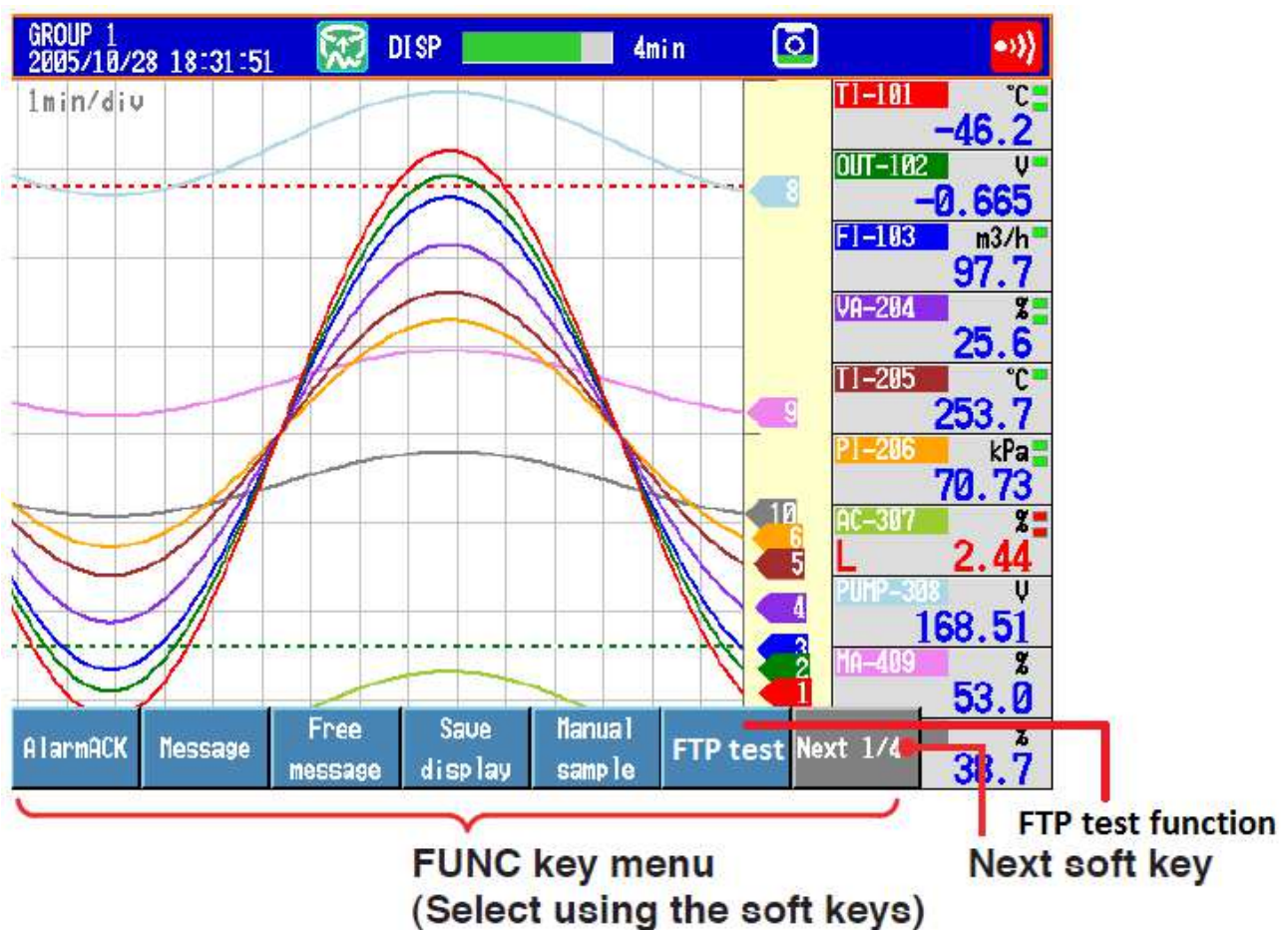
Items to check before performing this test

- Connect the Ethernet cable correctly. For the connection procedure, see section 1.3.
- Check that the Ethernet interface settings are correct. For the procedure, see section

Checking the results of the FTP test

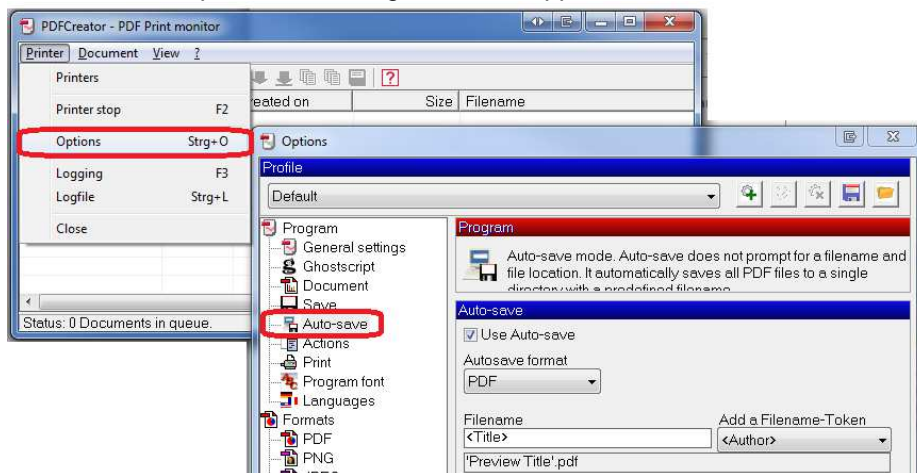
- When an FTP test is executed, a test file named FTP_TEST.TXT is transferred to the directory indicated by the initial path at the FTP destination specified in this section.
- The result of the FTP test can be confirmed by displaying the FTP log

Press FUNC to display the FUNC key menu at the bottom of the screen. Press the Next soft key to switch the menu. Press the desired soft key.

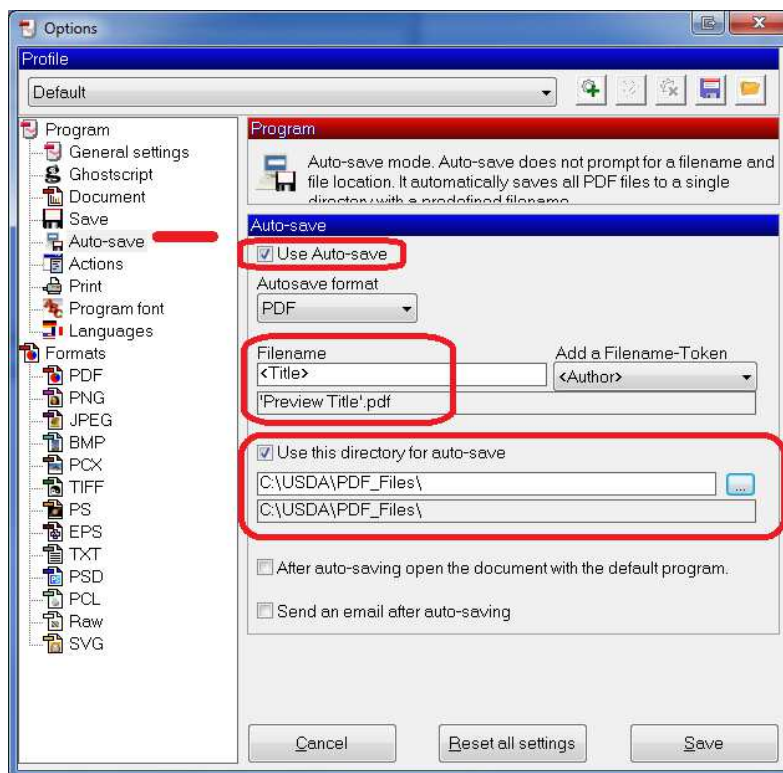


11. PDFCreator Configuration

- Open the printer configuration in **All Programs > PDFCreator > PDFCreator**
- After Printer > Options the settings windows appears.



- Select the Options part **Auto-save**.
- In the tab Auto save select “Use Auto save” and “Use this directory for auto-save”. Add the folder name “C:\USDA\PDF_Files” for saving the Files



- All other settings can be default.

12. De-installation Program

The de-installation can be done by the uninstall-routine of Windows. To be found under Start → Settings → Control panel → Software.

13. Additional Options

The program AdvancedReport does not need an entry in the registry of Windows. All settings are stored into the file AdvancedReport.ini. Only the function „Start with Windows“ will be defined an entry into the registry when this is activated.

The Dll-files do not need a registration.

It is possible to move the program or to start as batch program. All the files should then be in the same folder.

14. More Solutions

Also available are the following software products:

- **AdvancedSQL**
 - The program AdvancedSQL inserts automatically data from the Yokogawa paperless recorders into any database.
- **TUSReport - Addin for Microsoft Excel**
 - The program TUSReport serves automatic converting of the data files and the event files of the Yokogawa recorder from the DX, DXP, FX and DXAdvanced family into the NADCAP Report format.